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NASA THESAURUS

VOLUME 2

Rotated Term Display

January 1998

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National Aeronautics and
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Introduction

The *Rotated Term Display* is made available as a ready–reference tool to provide better access to the terms in *NASA Thesaurus, Volume 1 – Hierarchical Listing With Definitions*. The *Rotated Term Display* is essentially a key-word-in-context (KWIC) index that provides access to every word in postable terms and nonpostable USE references. Once the desired postable term has been located, the complete hierarchical information for that term should be consulted in the *Hierarchical Listing*.

USE References

Full cross references from nonpostable to postable terms are provided as part of the rotated display; for example, the USE reference leading to the term **launch vehicles** below:

carrier rockets
  use launch vehicles

Stopwords

Certain words having questionable access value (such as *and*, *of*, *in*, etc.) are not included in the rotated term sort. For the same reason, purely numeric strings and non–alphanumeric characters are not included in the sort.

Glosses

A gloss is a word or words enclosed in parentheses at the end of a term. Glosses serve to disambiguate homographs (i.e., terms that are spelled alike but have different meanings), as in **outliers (landforms)** and **outliers (statistics)**. In addition, glosses may indicate the general scope of a term, for example **activity cycles (biology)**.

In the *Rotated Term Display*, parentheses are ignored in the basic sort so that gloss words are displayed with similar words, as in the following example:

	geometrical theory of diffraction
analytic	**geometry**
angles	**(geometry)**
Bose	**geometry**
chords	**(geometry)**
variable	**geometry** structures

Uppercase and Lowercase Authority

As with Volume 1, the *Rotated Term Display* provides upper/lowercase authority for all of its terms and cross references.

NASA THESAURUS

VOLUME 2

Rotated Term Display

A

Air Density Explorer	**A**
	use Explorer 19 satellite
Anik	**A**
	use Anik 1
Atmosphere Explorer	**A**
	use Explorer 17 satellite
BE	**A**
	use Beacon Explorer A
Beacon Explorer	**A**
Cassiopeia	**A**
compound	**A**
Energetic Particle Explorer	**A**
	use Explorer 12 satellite
EOS-	**A**
EPE-	**A**
ERTS-	**A**
HEAO	**A**
	use HEAO 1
Helios	**A**
High Energy Astronomy Observatory	**A**
	use HEAO 1
IMP-	**A**
Ionosphere Explorer	**A**
	use Explorer 20 satellite
ISIS-	**A**
Lunar Orbiter	**A**
	use Lunar Orbiter 1
OAO-	**A**
OGO-	**A**
OSO-	**A**
SE-	**A**
SIR-	**A**
SMM-	**A**
Solar Maximum Mission-	**A**
Space Shuttle mission 31-	**A**
Space Shuttle mission 41-	**A**
Space Shuttle mission 51-	**A**
Space Shuttle mission 61-	**A**
Space Shuttle upper stage	**A**
SSUS-	**A**
Telesat Canada	**A**
	use Anik 1
TOS-	**A**
vitamin	**A**
	use retinene
	A-1 aircraft
RL-10-	**A-1 engine**
	A-2 aircraft
	A-3 aircraft
RL-10-	**A-3 engine**
	A-4 aircraft
	A-5 aircraft
	A-6 aircraft
	A-7 aircraft
	A-9 aircraft
	A-10 aircraft
	A-11 satellite
	A-12 satellite
	A-37 aircraft
	A-300 aircraft
	A-310 aircraft
	A-320 aircraft
	A-330 aircraft
	A-340 aircraft
CDC 160-	**A** computer
BOMARC	**A** missile
Tory 2-	**A** reactor
Agena	**A** rocket vehicle
AD-	**A** satellite
AE-	**A** satellite
DME-	**A** satellite
EXOS-	**A** satellite
HEOS	**A** satellite
Magsat	**A** satellite
	A stars
B-	**A-W devices**
S-	**A-W devices**
Polaris	**A1** missile
OAO-	**A2**
Polaris	**A2** missile
	A2F aircraft
	use A-6 aircraft
Polaris	**A3** missile
	A3D aircraft
	use A-3 aircraft
	A3J aircraft
	use A-5 aircraft
	A4D aircraft
	use A-4 aircraft
	AABNCP
	use E-4A aircraft
	AAP 1 mission
	AAP 2 mission
	AAP 3 mission
	AAP 4 mission
escape	**(abandonment)**
smoke	**abatement**
	abbreviations
	abdomen
	Abel function
	aberration
	abilities
	abiogenesis
	ablated nosetips
	use PANT program
	ablation
laser	**ablation**
	ablative materials
	ablative nose cones
Atlas	**Able** 5 launch vehicle
Thor	**Able** rocket vehicle
	Ablestar launch vehicle

ABM
use apogee boost motors
abnormalities
aborigines
abort apparatus
abort trajectories
aborted missions
abrasion
abrasion resistance
abrasives
Abrikosov theory
absolute zero
absorbents
absorbers
neutron **absorbers**
radar **absorbers**
shock **absorbers**
solar energy **absorbers**
absorbers (equipment)
absorbers (materials)
absorptance
gamma ray **absorptiometry**
photon **absorptiometry**
absorption
atmospheric **absorption**
use atmospheric attenuation
auroral **absorption**
electromagnetic **absorption**
energy **absorption**
gamma ray **absorption**
infrared **absorption**
ionospheric **absorption**
use electromagnetic absorption
ionospheric propagation
light **absorption**
use electromagnetic absorption
magnetic **absorption**
use electromagnetic absorption
material **absorption**
microwave **absorption**
moderation (energy **absorption)**
molecular **absorption**
multiphoton **absorption**
optical **absorption**
use electromagnetic absorption
light transmission
polar cap **absorption**
radiation **absorption**
self **absorption**
sound **absorption**
use sound transmission
spectral **absorption**
use absorption spectra
thermal **absorption**
thermalization (energy **absorption)**
ultraviolet **absorption**
x ray **absorption**
absorption bands
use absorption spectra
absorption coefficient
use absorptivity
absorption cooling
absorption cross sections
energy **absorption** films
differential **absorption** lidar
absorption spectra
absorption spectroscopy

absorptive index
use absorptivity
absorptivity
abstracts
abundance
element **abundance**
use abundance
isotope **abundance** ratios
use isotope ratios
inverted converters (DC to **AC)**
AC–1 aircraft
linear **AC** alternators
use linear alternators
AC (current)
use alternating current
AC generators
voltage converters **(AC** to AC)
current converters **(AC** to DC)
accelerated life tests
accelerating agents
acceleration
angular **acceleration**
electromagnetic **acceleration**
electron **acceleration**
high **acceleration**
high gravity **(acceleration)**
impact **acceleration**
magnetohydrodynamic **acceleration**
use plasma acceleration
particle **acceleration**
physiological **acceleration**
plasma **acceleration**
transverse **acceleration**
acceleration measurement
acceleration (physics)
acceleration protection
acceleration stresses (physiology)
acceleration tolerance
Cyclops plasma **accelerator**
Nimrod **accelerator**
particle **accelerator** targets
accelerators
coaxial plasma **accelerators**
cyclic **accelerators**
electron **accelerators**
electron ring **accelerators**
use storage rings (particle accelerators)
Hall **accelerators**
hypervelocity **accelerators**
use hypervelocity guns
ion **accelerators**
linear **accelerators**
particle **accelerators**
plasma **accelerators**
racetracks (particle **accelerators)**
railgun **accelerators**
ram **accelerators**
ramjet-in-tube **accelerators**
use ram accelerators
Space Exper with Particle **Accelerators**
storage rings (particle **accelerators)**
Van de Graaff **accelerators**
accelerometers
strain gage **accelerometers**
acceptability
acceptance
use acceptability
acceptor materials

code division multiple **access**
demand assignment multiple **access**
frequency division multiple **access**
multiple **access**
random **access**
time division multiple **access**
access control
random **access** memory
access time
accessories
accident investigation
aircraft **accident** investigation
accident prevention
accident proneness
accidents
aircraft **accidents**
automobile **accidents**
cerebral vascular **accidents**
acclimatization
altitude **acclimatization**
cold **acclimatization**
heat **acclimatization**
accommodation
visual **accommodation**
accommodation coefficient
thermal **accommodation** coefficients
use accommodation coefficient
accounting
accretion
use deposition
stellar mass **accretion**
accretion disks
accumulations
accumulators
accumulators (computers)
accuracy
geodetic **accuracy**
geometric **accuracy**
ACEE program
acetaldehyde
acetals
acetanilide
acetates
cobalt **acetates**
lead **acetates**
acetation
use acetylation
acetazolamide
acetic acid
acetone
acetonitrile
acetyl compounds
acetylacetone
acetylation
acetylene
acetylsalicylic acid
achievement
Kapoeta **achondrite**
Norton County **achondrite**
achondrites
acetic **acid**
acetylsalicylic **acid**
acrylic **acid**
ascorbic **acid**
aspartic **acid**
benzilic **acid**
benzoic **acid**
butyric **acid**
carbonic **acid**
chromic **acid**
citric **acid**
cyanuric **acid**
cytidylic **acid**
deoxyribonucleic **acid**
folic **acid**
formhydroxamic **acid**
formic **acid**
glutamic **acid**
hippuric **acid**
hydrazoic **acid**
hydrobromic **acid**
hydrochloric **acid**
hydrocyanic **acid**
hydrofluoric **acid**
iodoacetic **acid**
lactic **acid**
lipoic **acid**
nicotinic **acid**
nitric **acid**
nitrous **acid**
oleic **acid**
oxalic **acid**
palmitic **acid**
perchloric **acid**
phosphoric **acid**
propionic **acid**
prussic **acid**
use hydrocyanic acid
sebacic **acid**
sulfonic **acid**
sulfuric **acid**
uric **acid**
uridylic **acid**
valeric **acid**
acid base equilibrium
lead **acid** batteries
nucleic **acid** denaturation
use biopolymer denaturation
phosphoric **acid** fuel cells
ascorbic **acid** metabolism
acid rain
acidity
acidosis
acids
amino **acids**
boric **acids**
carboxylic **acids**
dicarboxylic **acids**
ethylenediaminetetraacetic **acids**
fatty **acids**
nucleic **acids**
oxamic **acids**
ribonucleic **acids**
xanthic **acids**
acoustic attenuation
acoustic combustion
use combustion stability
acoustic coupling
acoustic delay lines
acoustic detection
use sound detecting and ranging
acoustic ducts
acoustic emission
acoustic excitation
acoustic fatigue
acoustic frequencies

acoustic generators
use sound generators
acoustic imaging
acoustic impedance
acoustic instability
acoustic levitation
acoustic measurement
scanning laser **acoustic** microscope (SLAM)
use acoustic microscopes
acoustic microscopes
acoustic nozzles
acoustic propagation
acoustic properties
acoustic radiation
use sound waves
coherent **acoustic** radiation
acoustic resonance
acoustic retrofitting
acoustic scattering
acoustic simulation
acoustic sounding
acoustic stability
use frequency stability
acoustic streaming
acoustic velocity
acoustic vibrations
use sound waves
bulk **acoustic** wave devices
surface **acoustic** wave devices
ion **acoustic** waves
acoustical holography
acoustics
geometrical **acoustics**
ray **acoustics**
use geometrical acoustics
underground **acoustics**
underwater **acoustics**
acousto–optics
ACPL (Spacelab)
use Atmospheric Cloud Physics Lab (Spacelab)
zero-g **ACPL** (Spacelab)
use Atmospheric Cloud Physics Lab (Spacelab)
Satellite Tracking and Data **Acq** Network
use STDN (network)
acquired immunodeficiency syndrome
acquisition
data **acquisition**
target **acquisition**
video landmark **acquisition** and tracking
ocean data **acquisitions** systems
acriflavine
aerial **acrobatics**
use aerobatics
acrobatics (aircraft)
use aerobatics
acroleins
acronyms
use abbreviations
ACRV
use Assured Crew Return Vehicle
acrylates
acrylic acid
acrylic resins
acrylonitriles
ACTH
use adrenocorticotropin (ACTH)
adrenocorticotropin **(ACTH)**

actinide series
actinide series compounds
actinium
actinographs
use actinometers
actinometers
actinomycetes
actinomycin
nonoscillatory **action**
evasive **actions**
involuntary **actions**
activated carbon
activated sludge
activation
activation analysis
neutron **activation** analysis
activation (biology)
activation energy
surface- **active** agents
active control
active galactic nuclei
active galaxies
active glaciers
use glaciers
Active Magneto Particle Tracer Explorers
use AMPTE (satellites)
active satellites
active volcanoes
use volcanoes
activity
auroral **activity**
use auroras
biological **activity**
use activity (biology)
catalytic **activity**
enzyme **activity**
extravehicular **activity**
intravehicular **activity**
optical **activity**
plasma renin **activity**
use immunoassay
solar **activity**
stellar **activity**
activity (biology)
activity cycles (biology)
solar **activity** effects
ACTS
cartridge **actuated** devices
use actuators
explosive devices
propellant **actuated** devices
propellant **actuated** instruments
actuation
actuator disks
actuators
hydraulic **actuators**
use actuators
hydraulic equipment
acuity
visual **acuity**
acylation
AD–A satellite
AD/I B
AD/I satellite
Ada (programming language)
adaptation
dark **adaptation**
desert **adaptation**

light **adaptation**
retinal **adaptation**
space **adaptation** syndrome
adapters
multiple docking **adapters**
adaptive control
model reference **adaptive** control
adaptive control systems
use adaptive control
self **adaptive** control systems
data **adaptive** evaluator/monitor
use data processing
data reduction
data transmission
adaptive filters
adaptive optics
information **adaptive** system
mission **adaptive** wings
adders (circuits)
use adding circuits
adding circuits
addition
addition resins
addition theorem
additives
antiicing **additives**
antiknock **additives**
doping **(additives)**
oil **additives**
propellant **additives**
discrete **address** beacon system
public **address** systems
addressing
adducts
Aden
use Southern Yemen
adenines
adenosine diphosphate
cyclic **adenosine** monophosphate
use cyclic AMP
adenosine triphosphate
adenosines
adenoviruses
Honeywell **ADEPT** computer
adequacy
adherometers
use adhesion tests
adhesion
adhesion tests
adhesive bonding
adhesives
binders **(adhesives)**
ADI methods
use alternating direction implicit methods
Hugoniot **adiabat**
use Hugoniot equation of state
adiabatic conditions
adiabatic demagnetization cooling
adiabatic equations
adiabatic flow
adipose tissues
Adiprene (trademark)
Adirondack Mountains (NY)
adjoints
adjusting
adjustment
use adjusting

administration
use management
admittance
use electrical impedance
admixtures
adobe flats
use flats (landforms)
ADP
use adenosine diphosphate
Adrastea
adrenal gland
adrenal metabolism
adrenaline
use epinephrine
adrenergics
adrenocorticotropin (ACTH)
Adriatic Sea
adsorbents
adsorption
Gibbs **adsorption** equation
adsorptivity
Advanced Airborne Command Post
use E-4A aircraft
Advanced Communications Technology Sat
use ACTS
Advanced EVA Protection Systems
use AEPS
Advanced Launch System (STS)
Advanced Microwave Sounding Unit
Advanced Orbiting Solar Observatory
use AOSO
Advanced Range Instrumentation Aircraft
Advanced Range Instrumentation Ship
Advanced Reconn Electric Spacecraft
advanced sodium cooled reactor
Advanced Solid Rocket Motor (STS)
advanced tactical fighter
use F-22 aircraft
Advanced Technology Laboratory
Advanced Technology Light Twin aircraft
use ATLIT project
advanced test reactors
Advanced Very High Resolution Radiometer
Advanced Vidicon Camera System (AVCS)
Advanced X Ray Astrophysics Facility
use X Ray Astrophysics Facility
advancing glaciers
use glaciers
advancing shorelines
use beaches
advection
Advent Project
automatic traffic **advisory** and resolution
automated pilot **advisory** system
vortex **advisory** system
AE-A satellite
AE-B satellite
AE-C satellite
AE-D satellite
AE-E satellite
aeolian tones
aeolotropism
AEPS

aeration
aerial acrobatics
use aerobatics
Snow **aerial** applicator aircraft S-2B
use agricultural aircraft
aerial explosions
aerial imagery
use aerial photography
aerial photography
aerial reconnaissance
aerial rudders
unmanned **aerial** vehicles
use pilotless aircraft
aeroacoustics
aeroassist
aerobatics
Aerobee rocket vehicle
aerobee
aerobiology
aerobraking
aerocapture
aerodontalgia
use tooth diseases
Drones for **Aerodynamic** and Struct Test
use DAST program
aerodynamic axis
use aerodynamic balance
aerodynamic balance
aerodynamic brakes
aerodynamic buzz
use flutter
aerodynamic center
use aerodynamic balance
aerodynamic characteristics
static **aerodynamic** characteristics
aerodynamic chords
use airfoil profiles
chords (geometry)
aerodynamic coefficients
aerodynamic configurations
spikes **(aerodynamic** configurations)
aerodynamic drag
aerodynamic forces
aerodynamic heat transfer
aerodynamic heating
aerodynamic interference
aerodynamic lift
use lift
aerodynamic loads
aerodynamic moments
use stability derivatives
aerodynamic noise
Manned **Aerodynamic** Reusable Spaceship
use MARS (Manned Reusable Spacecraft)
aerodynamic stability
aerodynamic stalling
aerodynamic vehicles
use aircraft
aerodynamics
ASE **(aerodynamics)**
computational **aerodynamics**
use computational fluid dynamics
ground effect **(aerodynamics)**
interactional **aerodynamics**
rotor **aerodynamics**
unsteady **aerodynamics**
aeroelastic research wings
aeroelasticity
aeroembolism
aerogels
aerogyro helicopters
use XH-51 helicopter
aerology
aeromagnetism
aeromagneto flutter
use flutter
aeromaneuvering
Aeromaneuvering Orbit to Orbit Shuttle
aeronautical engineering
aeronautical satellites
aeronautics
aeronomy
aerophysics
use atmospheric physics
aeroquatic vehicles
AEROS satellite
Aerosat satellites
aeroservoelasticity
aerosinusitis
Stratospheric **Aerosol** & Gas Experiment
use SAGE satellite
aerosols
aerospace engineering
aerospace environments
aerospace industry
aerospace medicine
HOPE **aerospace** plane
National **Aerospace** Plane Program
aerospace planes
aerospace safety
aerospace sciences
aerospace systems
aerospace technology transfer
Integ Program for **Aerospace** Veh Design
use IPAD
aerospace vehicles
aerospike engines
aerostatics
aerostats
use airships
aerothermochemistry
aerothermodynamics
aerothermoelasticity
aerozine
AFC (control)
use automatic frequency control
AFCS (control system)
use automatic flight control
heat **affected** zone
affects
use effects
afferent nervous systems
affinity
electron **affinity**
negative electron **affinity**
Afghanistan
AFM (microscopy)
use atomic force microscopy
Africa
Kalahari Basin **(Africa)**
Republic of South **Africa**
Sahara Desert **(Africa)**
South **Africa**
use Republic of South Africa

South West **Africa**
use Namibia
Central **African** Republic
African rift system
afterbodies
cylindrical **afterbodies**
use afterbodies
cylindrical bodies
afterburners
use afterburning
afterburning
motion **aftereffects**
helium **afterglow**
oxygen **afterglow**
afterglows
afterimages
AGB stars
use asymptotic giant branch stars
AGC (control)
use automatic gain control
age determination
use chronology
radioactive **age** determination
age factor
age hardening
use precipitation hardening
Agena A rocket vehicle
Atlas **Agena** B launch vehicle
Agena B Ranger Program
Agena B rocket vehicle
Agena C rocket vehicle
Agena D rocket vehicle
Thor **Agena** launch vehicle
Atlas **Agena** launch vehicles
Agena rocket vehicles
European Space **Agency**
agents
accelerating **agents**
antihypertensive **agents**
cholinergic blocking **agents**
use anticholinergics
radioprotective **agents**
use antiradiation drugs
stabilizers **(agents)**
surface-active **agents**
use surfactants
agglomeration
agglutination
aggregates
aging
strain **aging**
use precipitation hardening
aging (biology)
aging (materials)
aging (metallurgy)
agitation
thermal **agitation**
use thermal energy
ultrasonic **agitation**
agreements
agricultural aircraft
agriculture
AgRISTARS project
agroclimatology
agrometeorology
agrophysical units

AGT
use automated guideway transit vehicles
AH-1G helicopter
AH-1S helicopter
AH-1W helicopter
AH-63 helicopter
AH-64 helicopter
first **aid**
microvision landing **aid**
pilot landing **aid** television system
use PLAT system
computer **aided** design
computer **aided** engineering
use computer aided design
computer **aided** manufacturing
computer **aided** mapping
computer **aided** tomography
aids
decision **aids**
use decision support systems
landing **aids**
navigation **aids**
visual **aids**
AIDS (disease)
use acquired immunodeficiency syndrome
ailerons
spoiler slot **ailerons**
AIMP-1
AIMP-2
AIMP-D
AIMP-E
air
alveolar **air**
compressed **air**
expired **air**
high temperature **air**
hot **air**
use high temperature air
liquid **air**
upper **air**
use upper atmosphere
air bag restraint devices
metal **air** batteries
air bearings
use gas bearings
air blasts
use aerial explosions
air breathing boosters
air breathing engines
captured **air** bubble vehicles
air cargo
registers **(air** circulation)
air conditioning
air conditioning equipment
air conductivity
air cooling
air currents
vertical **air** currents
air cushion landing systems
air cushion vehicles
use ground effect machines
liquid **air** cycle engines
air data systems
air defense
SAGE **air** defense system

Air Density Explorer A
use Explorer 19 satellite
Dual **Air** Density Explorer
Air Density/Injun Explorer B
use Explorer 25 satellite
air drop operations
air ducts
military **air** facilities
air filters
air flow
air freight
use air cargo
hydrogen **air** fuel cells
use hydrogen oxygen fuel cells
ground- **air**-ground communication
air inlets
use air intakes
air intakes
air jets
air land interactions
Pegasus **air**-launched booster
air launching
air law
air locks
air mail
air masses
ground-to- **air** missiles
surface to **air** missiles
air navigation
all-weather **air** navigation
tactical **air** navigation
use Tacan
air piracy
air pollution
global **air** pollution
indoor **air** pollution
air purification
air quality
fuel- **air** ratio
air sampling
Global **Air** Sampling Program
air sea ice interactions
air sea interactions
use air water interactions
air showers
use cosmic ray showers
air sickness
use motion sickness
air slew missiles
air start
air to air missiles
air to air refueling
air to air rockets
use air to air missiles
air to surface missiles
air traffic
air traffic control
air traffic controllers (personnel)
Location of **Air** Traffic Satellites
use LOCATES system
supersonic commercial **air** transport
air transportation
clear **air** turbulence
air water interactions
Advanced **Airborne** Command Post
use E-4A aircraft
airborne equipment
airborne infection
Airborne Integrated Reconnaissance System
airborne lasers
Light **Airborne** Multipurpose System
Kuiper **Airborne** Observatory
SOFIA (**airborne** observatory)
airborne radar
airborne radar approach
airborne range and orbit determination
airborne/spaceborne computers
airborne surveillance radar
Airborne Warning and Control System
use AWACS aircraft
Airbus
use European Airbus
European **Airbus**
aircraft
A-1 **aircraft**
A-2 **aircraft**
A2F **aircraft**
use A-6 aircraft
A-3 **aircraft**
A3D **aircraft**
use A-3 aircraft
A3J **aircraft**
use A-5 aircraft
A-4 **aircraft**
A4D **aircraft**
use A-4 aircraft
A-5 **aircraft**
A-6 **aircraft**
A-7 **aircraft**
A-9 **aircraft**
A-10 **aircraft**
A-37 **aircraft**
A-300 **aircraft**
A-310 **aircraft**
A-320 **aircraft**
A-330 **aircraft**
A-340 **aircraft**
AC-1 **aircraft**
use DHC 4 aircraft
acrobatics (**aircraft**)
Advanced Range Instrumentation **Aircraft**
Advanced Technology Light Twin **aircraft**
use ATLIT project
agricultural **aircraft**
Airgeep **aircraft**
use VZ-8 aircraft
Aladin 2 **aircraft**
Alpha jet **aircraft**
amphibious **aircraft**
AN-2 **aircraft**
AN-22 **aircraft**
AN-24 **aircraft**
Antheus **aircraft**
use AN-22 aircraft
antisubmarine warfare **aircraft**
Antonov **aircraft**
Antonov AN-22 **aircraft**
use AN-22 aircraft
Antonov AN-24 **aircraft**
use AN-24 aircraft
AO-1 **aircraft**
use OV-1 aircraft
Argosy MK-1 **aircraft**

- Atlantic **aircraft**
  - *use* Breguet 1150 aircraft
- ATR-72 **aircraft**
- attack **aircraft**
- AV-8A **aircraft**
  - *use* Harrier aircraft
- AV-8B **aircraft**
  - *use* Harrier aircraft
- AVRO 698 **aircraft**
  - *use* Vulcan aircraft
- AVRO 707 **aircraft**
- AVRO Whitworth HS-748 **aircraft**
  - *use* HS-748 aircraft
- AWACS **aircraft**
- B-1 **aircraft**
- B-2 **aircraft**
- B-26 **aircraft**
- B-47 **aircraft**
- B-50 **aircraft**
- B-52 **aircraft**
- B-57 **aircraft**
- B-58 **aircraft**
- B-66 **aircraft**
- B-70 **aircraft**
- B-103 **aircraft**
  - *use* Buccaneer aircraft
- BAC **aircraft**
- BAC 111 **aircraft**
- BAC TSR 2 **aircraft**
  - *use* TSR-2 aircraft
- Beagle **aircraft**
- Beech **aircraft**
  - *use* Beechcraft aircraft
- Beech 99 **aircraft**
- Beech C-33 **aircraft**
  - *use* C-33 aircraft
- Beech S-35 **aircraft**
  - *use* C-35 aircraft
- Beechcraft **aircraft**
- Beechcraft 18 **aircraft**
- Belfast **aircraft**
  - *use* SC-5 aircraft
- Bell **aircraft**
- Blackbird **aircraft**
  - *use* SR-71 aircraft
- Blackburn B-103 **aircraft**
  - *use* Buccaneer aircraft
- Boeing **aircraft**
- Boeing 707 **aircraft**
- Boeing 720 **aircraft**
- Boeing 727 **aircraft**
- Boeing 733 **aircraft**
- Boeing 737 **aircraft**
- Boeing 747 **aircraft**
- Boeing 747B **aircraft**
  - *use* E-4A aircraft
- Boeing 757 **aircraft**
- Boeing 767 **aircraft**
- Boeing 777 **aircraft**
- Boeing 2707 **aircraft**
- Bolkow **aircraft**
- bomber **aircraft**
- Bonanza **aircraft**
  - *use* C-35 aircraft
- Breguet **aircraft**
- Breguet 940 **aircraft**
- Breguet 941 **aircraft**
- Breguet 1150 **aircraft**
- Buccaneer **aircraft**
- buckeye **aircraft**
  - *use* T-2 aircraft
- Buffalo **aircraft**
  - *use* DHC 5 aircraft
- C-1A **aircraft**
- C-2 **aircraft**
- C-5 **aircraft**
- C-8A augmentor wing **aircraft**
- C-9 **aircraft**
- C-15 **aircraft**
- C-17 **aircraft**
- C-33 **aircraft**
- C-35 **aircraft**
- C-46 **aircraft**
- C-47 **aircraft**
- C-54 **aircraft**
- C-118 **aircraft**
- C-119 **aircraft**
- C-121 **aircraft**
- C-123 **aircraft**
- C-124 **aircraft**
- C-130 **aircraft**
- C-131 **aircraft**
- C-133 **aircraft**
- C-135 **aircraft**
- C-140 **aircraft**
- C-141 **aircraft**
- C-142 **aircraft**
  - *use* XC-142 aircraft
- C-160 **aircraft**
- Camel **aircraft**
  - *use* TU-104 aircraft
- Canadair **aircraft**
- Canadair CF-104 **aircraft**
  - *use* Canadair aircraft
  - F-104 aircraft
- Canadair CL-41 **aircraft**
  - *use* CL-41 aircraft
- Canadair CL-44 **aircraft**
  - *use* CL-44 aircraft
- Canadair CL-84 **aircraft**
  - *use* CL-84 aircraft
- Canberra **aircraft**
- Caravelle **aircraft**
  - *use* SE-210 aircraft
- cargo **aircraft**
- Cargomaster **aircraft**
  - *use* C-133 aircraft
- Caribou **aircraft**
  - *use* DHC 4 aircraft
- CC-106 **aircraft**
  - *use* CL-44 aircraft
- Centurion **aircraft**
  - *use* Cessna 210 aircraft
- Cessna **aircraft**
- Cessna 172 **aircraft**
- Cessna 205 **aircraft**
- Cessna 210 **aircraft**
- Cessna 402B **aircraft**
- Cessna L-19 **aircraft**
- CF-104 **aircraft**
  - *use* Canadair aircraft
  - F-104 aircraft
- Chance-Vought **aircraft**
- Chinese **aircraft**
- CL-41 **aircraft**
- CL-44 **aircraft**
- CL-84 **aircraft**
- CL-600 challenger **aircraft**

- CL-823 **aircraft**
- Classic **aircraft**
  - *use* IL-62 aircraft
- Cock **aircraft**
  - *use* AN-22 aircraft
- COD **aircraft**
  - *use* C-2 aircraft
- COIN **aircraft**
- Coke **aircraft**
  - *use* AN-24 aircraft
- Comet 4 **aircraft**
- Commando **aircraft**
  - *use* C-46 aircraft
- commercial **aircraft**
- commuter **aircraft**
- Concorde **aircraft**
- Convair 340 **aircraft**
  - *use* CV-340 aircraft
- Convair 440 **aircraft**
  - *use* CV-440 aircraft
- Convair 880 **aircraft**
  - *use* CV-880 aircraft
- Convair 990 **aircraft**
  - *use* CV-990 aircraft
- Cookpot **aircraft**
  - *use* TU-124 aircraft
- Corsair **aircraft**
  - *use* A-7 aircraft
- Cougar **aircraft**
  - *use* F-9 aircraft
- counterinsurgency **aircraft**
  - *use* COIN aircraft
- Courier **aircraft**
  - *use* U-10 aircraft
- Crusader **aircraft**
  - *use* F-8 aircraft
- CT-114 **aircraft**
  - *use* CL-41 aircraft
- Curtiss C-46 **aircraft**
  - *use* C-46 aircraft
- Curtiss-Wright **aircraft**
- CV-2 **aircraft**
  - *use* DHC 4 aircraft
- CV-7 **aircraft**
  - *use* DHC 5 aircraft
- CV-340 **aircraft**
- CV-440 **aircraft**
- CV-880 **aircraft**
- CV-990 **aircraft**
- D-558 **aircraft**
- Dakota **aircraft**
  - *use* C-47 aircraft
- Dassault **aircraft**
- Dassault Mirage 3 **aircraft**
  - *use* Mirage 3 aircraft
- Dassault Mystere 20 **aircraft**
  - *use* Mystere 20 aircraft
- Dassault Mystere 50 **aircraft**
  - *use* Mystere 50 aircraft
- DC 3 **aircraft**
- DC 7 **aircraft**
- DC 8 **aircraft**
- DC 9 **aircraft**
- DC 10 **aircraft**
- DC 11 **aircraft**
  - *use* MD 11 aircraft
- de Havilland **aircraft**
- de Havilland DH 106 **aircraft**
  - *use* Comet 4 aircraft
- de Havilland DH 112 **aircraft**
  - *use* DH 112 aircraft
- de Havilland DH 115 **aircraft**
  - *use* DH 115 aircraft
- de Havilland DH 121 **aircraft**
  - *use* DH 121 aircraft
- de Havilland DH 125 **aircraft**
  - *use* DH 125 aircraft
- de Havilland DHC 4 **aircraft**
  - *use* DHC 4 aircraft
- de Havilland DHC 5 **aircraft**
  - *use* DHC 5 aircraft
- de Havilland Venom **aircraft**
  - *use* DH 112 aircraft
- Debonair **aircraft**
  - *use* C-33 aircraft
- Delfin **aircraft**
  - *use* L-29 jet trainer
- Delta Dagger **aircraft**
  - *use* F-102 aircraft
- Delta Dart **aircraft**
  - *use* F-106 aircraft
- Destroyer **aircraft**
  - *use* B-66 aircraft
- DH 106 **aircraft**
  - *use* Comet 4 aircraft
- DH 112 **aircraft**
- DH 115 **aircraft**
- DH 121 **aircraft**
- DH 125 **aircraft**
- DHC 2 **aircraft**
- DHC 4 **aircraft**
- DHC 5 **aircraft**
- DHC Beaver **aircraft**
  - *use* DHC 2 aircraft
- DO-27 **aircraft**
- DO-28 **aircraft**
- DO-31 **aircraft**
- DO-328 **aircraft**
- Dornier **aircraft**
- Dornier DO-27 **aircraft**
  - *use* DO-27 aircraft
- Dornier DO-28 **aircraft**
  - *use* DO-28 aircraft
- Dornier DO-31 **aircraft**
  - *use* DO-31 aircraft
- Douglas **aircraft**
- Douglas D-558 **aircraft**
  - *use* D-558 aircraft
- Douglas DC-3 **aircraft**
  - *use* DC 3 aircraft
- Douglas DC-7 **aircraft**
  - *use* DC 7 aircraft
- Douglas DC-8 **aircraft**
  - *use* DC 8 aircraft
- Douglas DC-9 **aircraft**
  - *use* DC 9 aircraft
- Douglas PD-808 **aircraft**
  - *use* PD-808 aircraft
- drone **aircraft**
- E-2 **aircraft**
- E-3A **aircraft**
- E-4A **aircraft**
- Earth Resources Survey **aircraft**
- EC-121 **aircraft**
  - *use* C-121 aircraft

EC-135 **aircraft**
use C-135 aircraft
Electra **aircraft**
electric **aircraft**
use fly by wire control
electronic **aircraft**
ER-2 **aircraft**
use U-2 aircraft
ES-3A **aircraft**
use S-3 aircraft
executive **aircraft**
use general aviation aircraft
passenger aircraft
experimental **aircraft**
use research aircraft
F-2 **aircraft**
F-4 **aircraft**
F4H **aircraft**
use F-4 aircraft
F-5 **aircraft**
F-8 **aircraft**
F8U **aircraft**
use F-8 aircraft
F-9 **aircraft**
F9F **aircraft**
use F-9 aircraft
F-14 **aircraft**
F-15 **aircraft**
F-16 **aircraft**
F-17 **aircraft**
F-18 **aircraft**
F-20 **aircraft**
F-22 **aircraft**
F-27 **aircraft**
F-28 transport **aircraft**
F-80 **aircraft**
use T-33 aircraft
F-84 **aircraft**
F-86 **aircraft**
F-89 **aircraft**
F-94 **aircraft**
F-100 **aircraft**
F-101 **aircraft**
F-102 **aircraft**
F-104 **aircraft**
F-105 **aircraft**
F-106 **aircraft**
F-110 **aircraft**
use F-4 aircraft
F-111 **aircraft**
F-117A **aircraft**
Fairchild military **aircraft**
use Fairchild-Hiller aircraft
Fairchild-Hiller **aircraft**
Fairey **aircraft**
Fairey Delta 2 **aircraft**
use FD 2 aircraft
fan in wing **aircraft**
FD 2 **aircraft**
Fellowship **aircraft**
use F-28 transport aircraft
Fiat **aircraft**
Fiat G-91 **aircraft**
use G-91 aircraft
Fiat G-222 **aircraft**
use G-222 aircraft
Fiat G-95/4 **aircraft**
use G-95/4 aircraft
fighter **aircraft**
Firebee 2 target drone **aircraft**
fixed-wing **aircraft**
use aircraft configurations
fixed wings
Flying Bedstead **aircraft**
use flying platforms
flying wing **aircraft**
use tailless aircraft
Fokker **aircraft**
Fokker F 27 **aircraft**
use F-27 aircraft
Fokker F 28 **aircraft**
use F-28 transport aircraft
Fokker Friendship **aircraft**
use F-27 aircraft
free wing **aircraft**
Freedom Fighter **aircraft**
use F-5 aircraft
FV-12A **aircraft**
G-1 **aircraft**
G-91 **aircraft**
G-222 **aircraft**
G-95/4 **aircraft**
GA-5 **aircraft**
Galaxy **aircraft**
use C-5 aircraft
GC-130 **aircraft**
use C-130 aircraft
general aviation **aircraft**
General Dynamics **aircraft**
GETOL **aircraft**
Gloster GA-5 **aircraft**
use GA-5 aircraft
Griffon **aircraft**
use Nord 1500 aircraft
Gripen **aircraft**
use JAS-39 aircraft
Grumman **aircraft**
Grumman OV-1C **aircraft**
use OV-1 aircraft
Gyrodyne **aircraft**
Gyrodyne military **aircraft**
use QH-50 helicopter
H-126 **aircraft**
Hamburger **aircraft**
Hamburger HFB-320 **aircraft**
use HFB-320 aircraft
Handley Page **aircraft**
Handley Page HP-115 **aircraft**
use HP-115 aircraft
Harrier **aircraft**
Hawker Hunter **aircraft**
use F-2 aircraft
Hawker P-1127 **aircraft**
use P-1127 aircraft
Hawker P-1154 **aircraft**
use P-1154 aircraft
Hawker Siddeley **aircraft**
Hawkeye **aircraft**
use E-2 aircraft
Heinkel **aircraft**
Helio **aircraft**
Helio military **aircraft**
use Helio aircraft
Hercules **aircraft**
use C-130 aircraft
HFB-320 **aircraft**
highly maneuverable **aircraft**
Hiller **aircraft**

HP-115 **aircraft**
HS-125 **aircraft**
use DH 125 aircraft
HS-748 **aircraft**
HS-801 **aircraft**
Hughes **aircraft**
Hummingbird **aircraft**
use XV-4 aircraft
Hunter F-2 **aircraft**
use F-2 aircraft
Hunting H-126 **aircraft**
use H-126 aircraft
Hunting P-84 **aircraft**
use jet provost aircraft
Hustler **aircraft**
use B-58 aircraft
hypersonic **aircraft**
IL-14 **aircraft**
IL-62 **aircraft**
IL-76 **aircraft**
IL-86 **aircraft**
IL-96 **aircraft**
Ilyushin **aircraft**
Ilyushin IL-14 **aircraft**
use IL-14 aircraft
Ilyushin IL-62 **aircraft**
use IL-62 aircraft
Interceptor **aircraft**
use fighter aircraft
Intruder **aircraft**
use A-6 aircraft
Invader **aircraft**
use B-26 aircraft
Iskra **aircraft**
use TS-11 aircraft
Jaguar **aircraft**
JAS-39 **aircraft**
Javelin **aircraft**
use GA-5 aircraft
JC-130 **aircraft**
use C-130 aircraft
jet **aircraft**
Jet Dragon **aircraft**
use DH 125 aircraft
jet provost **aircraft**
Jet Star **aircraft**
use C-140 aircraft
Jetstream **aircraft**
JF 101 **aircraft**
use F-101 aircraft
Jindivik target **aircraft**
Kaman **aircraft**
Kawasaki **aircraft**
KC-130 **aircraft**
use C-130 aircraft
KC-135 **aircraft**
use C-135 aircraft
Kestrel **aircraft**
use P-1127 aircraft
KS-3 **aircraft**
use S-3 aircraft
L-28 **aircraft**
use U-10 aircraft
L-29 **aircraft**
use L-29 jet trainer
L-1011 **aircraft**
L-2000 **aircraft**

LARA **aircraft**
use COIN aircraft
Lear jet **aircraft**
light **aircraft**
light armed reconnaissance **aircraft**
use COIN aircraft
light transport **aircraft**
Ling-Temco-Vought **aircraft**
Lockheed **aircraft**
Lockheed C-5 **aircraft**
use C-5 aircraft
Lockheed CL-823 **aircraft**
use CL-823 aircraft
Lockheed Constellation **aircraft**
use C-121 aircraft
Lockheed L-2000 **aircraft**
use L-2000 aircraft
Lockheed model 18 **aircraft**
Lockheed U-2 **aircraft**
use U-2 aircraft
Lockheed XV-4A **aircraft**
use XV-4 aircraft
low wing **aircraft**
LTV **aircraft**
use Ling-Temco-Vought aircraft
man powered **aircraft**
Martin **aircraft**
Max Holste MH-262 **aircraft**
use MH-262 aircraft
McDonnell **aircraft**
McDonnell Douglas **aircraft**
MD 11 **aircraft**
MD 80 **aircraft**
ME P-160 **aircraft**
use P-160 aircraft
ME P-308 **aircraft**
use P-308 aircraft
Mercure **aircraft**
Messerschmitt ME P-160 **aircraft**
use P-160 aircraft
Messerschmitt ME P-308 **aircraft**
use P-308 aircraft
meteorological research **aircraft**
Metropolitan **aircraft**
use CV-440 aircraft
MH-262 **aircraft**
MiG **aircraft**
Mil **aircraft**
military **aircraft**
Mirage **aircraft**
Mirage 3 **aircraft**
Mohawk **aircraft**
use OV-1 aircraft
MRCA **aircraft**
multi-role combat **aircraft**
use MRCA aircraft
Mustang **aircraft**
use P-51 aircraft
Mystere 20 **aircraft**
Mystere 50 **aircraft**
N-156 **aircraft**
use F-5 aircraft
NA-300 **aircraft**
use OV-10 aircraft
NAMC **aircraft**
use Nihon aircraft
Navion **aircraft**

Navion G-1 **aircraft**
use G-1 aircraft
Navion Rangemaster **aircraft**
use G-1 aircraft
NC-130 **aircraft**
use C-130 aircraft
night flights **(aircraft)**
Nihon **aircraft**
Nihon YS-11 **aircraft**
use YS-11 aircraft
noise prediction **(aircraft)**
Nord **aircraft**
Nord 262 **aircraft**
use MH-262 aircraft
Nord 1500 **aircraft**
North American **aircraft**
Northrop **aircraft**
nuclear propelled **aircraft**
observation **aircraft**
Omnipol L-29 **aircraft**
use L-29 jet trainer
Omnipol Z-37 **aircraft**
use Z-37 aircraft
Orion **aircraft**
use P-3 aircraft
ornithopter **aircraft**
use research aircraft
Osprey **aircraft**
use V-22 aircraft
OV-1 **aircraft**
OV-10 **aircraft**
P-3 **aircraft**
P3V **aircraft**
use P-3 aircraft
P-51 **aircraft**
P-84 **aircraft**
use jet provost aircraft
P-160 **aircraft**
P-166 **aircraft**
P-308 **aircraft**
P-1127 **aircraft**
P-1154 **aircraft**
PA-34 Seneca **aircraft**
Panther **aircraft**
use F-9 aircraft
passenger **aircraft**
PD-808 **aircraft**
Phantom **aircraft**
use F-4 aircraft
Piaggio **aircraft**
Piaggio P-166 **aircraft**
use P-166 aircraft
Piaggio-Douglas PD-808 **aircraft**
use PD-808 aircraft
Piasecki **aircraft**
pilotless **aircraft**
Piper **aircraft**
pivoted wing **aircraft**
use tilt wing aircraft
Polish TS-11 **aircraft**
use TS-11 aircraft
Potez **aircraft**
powered lift **aircraft**
private **aircraft**
use general aviation aircraft
Provider **aircraft**
use C-123 aircraft
Questol **aircraft**

R5D **aircraft**
use C-54 aircraft
R7V **aircraft**
use C-121 aircraft
Rangemaster **aircraft**
use G-1 aircraft
RB-47 **aircraft**
use B-47 aircraft
RB-50 **aircraft**
use B-50 aircraft
RB-57 **aircraft**
use B-57 aircraft
RB-66 **aircraft**
use B-66 aircraft
reconnaissance **aircraft**
Republic **aircraft**
research **aircraft**
RF-4 **aircraft**
use F-4 aircraft
RF-8 **aircraft**
use F-8 aircraft
rotary wing **aircraft**
rotor systems research **aircraft**
Ryan **aircraft**
S-2 **aircraft**
S-3 **aircraft**
Saab **aircraft**
Saab 37 **aircraft**
Saab 105 **aircraft**
Sabre **aircraft**
use F-86 aircraft
Sabreliner **aircraft**
use T-39 aircraft
Samaritan **aircraft**
use C-131 aircraft
Savage **aircraft**
use A-2 aircraft
SC-1 **aircraft**
SC-5 **aircraft**
SC-7 **aircraft**
Schleicher **aircraft**
Scimitar **aircraft**
SE-210 **aircraft**
Seneca **aircraft**
use PA-34 Seneca aircraft
Shooting Star **aircraft**
use T-33 aircraft
Short Belfast C MK-1 **aircraft**
use SC-5 aircraft
short haul **aircraft**
Short SC-1 **aircraft**
use SC-1 aircraft
Short SC-5 **aircraft**
use SC-5 aircraft
Short SC-7 **aircraft**
use SC-7 aircraft
short takeoff **aircraft**
short takeoff & vertical landing **aircraft**
use STOVL aircraft
Siebel **aircraft**
Sikorsky **aircraft**
single engine **aircraft**
Skyhawk **aircraft**
use A-4 aircraft
Skymaster **aircraft**
use C-54 aircraft
Skyraider **aircraft**
use A-1 aircraft

Skyrocket **aircraft**
use D-558 aircraft
Skystreak **aircraft**
use D-558 aircraft
Skyvan **aircraft**
use SC-7 aircraft
Skywarrior **aircraft**
use A-3 aircraft
Snow S-2 **aircraft**
use agricultural aircraft
solar powered **aircraft**
spanloader **aircraft**
SR-71 **aircraft**
Starfighter **aircraft**
use F-104 aircraft
Starlifter **aircraft**
use C-141 aircraft
steep gradient **aircraft**
use V/STOL aircraft
STOL **aircraft**
use short takeoff aircraft
STOVL **aircraft**
Stratofortress **aircraft**
use B-52 aircraft
Stratojet **aircraft**
use B-47 aircraft
Stratotanker **aircraft**
use C-135 aircraft
submersible **aircraft**
subsonic **aircraft**
Sud Aviation **aircraft**
Sud Aviation SE-210 **aircraft**
use SE-210 aircraft
Sukhoi **aircraft**
Super Sabre **aircraft**
use F-100 aircraft
superfortress **aircraft**
use B-50 aircraft
supersonic **aircraft**
T-2 **aircraft**
T2J **aircraft**
use T-2 aircraft
T3J **aircraft**
use T-39 aircraft
T-28 **aircraft**
T-33 **aircraft**
T-37 **aircraft**
T-38 **aircraft**
T-39 **aircraft**
tailless **aircraft**
Talon **aircraft**
use T-38 aircraft
tandem wing **aircraft**
tanker **aircraft**
target drone **aircraft**
TFX **aircraft**
use F-111 aircraft
Thunderchief **aircraft**
use F-105 aircraft
tilt rotor **aircraft**
tilt wing **aircraft**
Tornado **aircraft**
use MRCA aircraft
Trader **aircraft**
use C-1A aircraft
training **aircraft**
Transall C-160 **aircraft**
use C-160 aircraft

transonic **aircraft**
use supersonic aircraft
transport **aircraft**
Trident **aircraft**
use DH 121 aircraft
Trojan **aircraft**
use T-28 aircraft
TS-11 **aircraft**
TSR-2 **aircraft**
TU-104 **aircraft**
TU-124 **aircraft**
TU-134 **aircraft**
TU-144 **aircraft**
TU-154 **aircraft**
TU-204 **aircraft**
Tupolev **aircraft**
turbofan **aircraft**
turbojet **aircraft**
use jet aircraft
turboprop **aircraft**
Turbo-Skyvan **aircraft**
use SC-7 aircraft
Tutor **aircraft**
use CL-41 aircraft
U-2 **aircraft**
U-10 **aircraft**
ultralight **aircraft**
US-2A **aircraft**
use S-2 aircraft
utility **aircraft**
V-3 **aircraft**
use XV-3 aircraft
V-4 **aircraft**
use XV-4 aircraft
V-5 **aircraft**
use XV-5 aircraft
V-9 **aircraft**
use XV-9A aircraft
V-22 **aircraft**
Valiant **aircraft**
Valkyrie **aircraft**
use B-70 aircraft
Vampire **aircraft**
use DH 115 aircraft
Vampire MK 35 **aircraft**
VATOL **aircraft**
VC-10 **aircraft**
Venom **aircraft**
use DH 112 aircraft
vertical attitude takeoff-landing **aircraft**
use VATOL aircraft
vertical takeoff **aircraft**
Vickers 1100 **aircraft**
use VC-10 aircraft
Vickers Scimitar **aircraft**
use Scimitar aircraft
Vickers Valiant **aircraft**
use Valiant aircraft
Vickers VC-10 **aircraft**
use VC-10 aircraft
Victor MK-1 **aircraft**
Vigilante **aircraft**
use A-5 aircraft
Viscount **aircraft**
VJ-101 **aircraft**
Voodoo **aircraft**
use F-101 aircraft
V/STOL **aircraft**

VTOL **aircraft**

use vertical takeoff aircraft

Vulcan **aircraft**

VZ-2 **aircraft**

VZ-8 **aircraft**

VZ-10 **aircraft**

use XV-4 aircraft

VZ-11 **aircraft**

use XV-5 aircraft

VZ-12 **aircraft**

use P-1127 aircraft

W2F **aircraft**

use E-2 aircraft

Warning Star **aircraft**

use C-121 aircraft

water takeoff and landing **aircraft**

weather reconnaissance **aircraft**

Weser **aircraft**

Westland **aircraft**

WU-2 **aircraft**

use U-2 aircraft

X-1 **aircraft**

X-2 **aircraft**

X-3 **aircraft**

X-5 **aircraft**

X-13 **aircraft**

X-14 **aircraft**

X-15 **aircraft**

X-19 **aircraft**

X-20 **aircraft**

X-21 **aircraft**

X-21A **aircraft**

X-22 **aircraft**

X-22A **aircraft**

X-24 **aircraft**

X-29 **aircraft**

X-31 **aircraft**

X-36 **aircraft**

XB-47 **aircraft**

use B-47 aircraft

XB-70 **aircraft**

use B-70 aircraft

XBQM-180A **aircraft**

use VATOL aircraft

XC-142 **aircraft**

XV-3 **aircraft**

XV-4 **aircraft**

XV-5 **aircraft**

XV-5A **aircraft**

use XV-5 aircraft

XV-6A **aircraft**

use P-1127 aircraft

XV-8A **aircraft**

XV-9A **aircraft**

XV-11A **aircraft**

XV-15 **aircraft**

YAK **aircraft**

use Yakovlev aircraft

Yak 40 **aircraft**

Yakovlev **aircraft**

YAV-8B **aircraft**

use Harrier aircraft

YC-14 **aircraft**

YC-15 **aircraft**

use C-15 aircraft

YC-123 **aircraft**

use C-123 aircraft

YF-12 **aircraft**

YF-16 **aircraft**

use F-16 aircraft

YF-17 **aircraft**

use F-17 aircraft

YF-22 **aircraft**

use F-22 aircraft

YF-102 **aircraft**

use F-102 aircraft

YS-11 **aircraft**

YT-2 **aircraft**

use T-2 aircraft

Yukon **aircraft**

use CL-44 aircraft

Z-37 **aircraft**

aircraft accident investigation

aircraft accidents

aircraft antennas

aircraft approach spacing

aircraft bases

use military air facilities

aircraft brakes

aircraft cabins

use aircraft compartments

ceiling (**aircraft** capability)

aircraft carriers

bird- **aircraft** collisions

aircraft communication

aircraft compartments

aircraft configurations

aircraft construction

use aircraft structures

aircraft construction materials

aircraft control

British **Aircraft** Corp aircraft

use BAC aircraft

aircraft design

aircraft detection

Aircraft Energy Efficiency program

use ACEE program

aircraft engines

aircraft equipment

aircraft fuel systems

aircraft fuels

aircraft guidance

aircraft hangars

use hangars

aircraft hazards

aircraft hydraulic systems

aircraft icing

aircraft industry

aircraft instruments

aircraft interiors

use aircraft compartments

aircraft landing

aircraft launching devices

aircraft lights

aircraft maintenance

aircraft maneuvers

aircraft models

aircraft noise

jet **aircraft** noise

aircraft noise prediction

use noise prediction (aircraft)

aircraft parts

aircraft performance

aircraft pilots

aircraft power sources

use aircraft engines

aircraft power supplies

aircraft production
aircraft production costs
Tilt Rotor Research **Aircraft** Program
aircraft reliability
supersonic cruise **aircraft** research
Folding Fin **aircraft** rocket vehicle
aircraft runup
Snow aerial applicator **aircraft** S-2B
use agricultural aircraft
aircraft safety
aircraft specifications
aircraft spin
aircraft stability
aircraft structures
plastic **aircraft** structures
aircraft survivability
Transonic **Aircraft** Technology Program
use TACT program
aircraft tires
aircraft wakes
aircrews
use flight crews
airdrops
airfield surface movements
airfields
use airports
Clark Y **airfoil**
use airfoil profiles
GAW-1 **airfoil**
GAW-2 **airfoil**
General Aviation Whitcomb **airfoil**
use GAW-1 airfoil
GAW-2 airfoil
airfoil characteristics
use airfoils
airfoil fences
airfoil oscillations
airfoil profiles
airfoil sections
use airfoil profiles
airfoil thickness
use airfoil profiles
airfoils
circulation control **airfoils**
drooped **airfoils**
laminar flow **airfoils**
porous **airfoils**
use porous boundary layer control
supercritical **airfoils**
supersonic **airfoils**
thin **airfoils**
inlet **airframe** configurations
engine **airframe** integration
airframe materials
airframes
Airgeep aircraft
use VZ-8 aircraft
airglow
night **airglow**
use nightglow
airline operations
airlock modules
experimental STOL transport rsch **airplane**
use Questol aircraft
airport beacons
airport lights
airport planning
airport security
airport surface detection equipment

airport towers
airports
AIRS (reconnaissance sys)
use Airborne Integrated Reconnaissance System
airships
heavy lift **airships**
airspace
National **Airspace** System
National **Airspace** Utilization System
airspeed
jet **airstreams**
use jet streams (meteorology)
airworthiness
use aircraft reliability
airworthiness requirements
use aircraft reliability
Airy function
Aitken nuclei
YLR-91- **AJ-1** engine
LR-87- **AJ-5** engine
LR-91- **AJ-5** engine
AJ-10 engine
AJ-1000 engine
Nike- **Ajax** missile
Chena River Basin **(AK)**
Cook Inlet **(AK)**
Prince William Sound **(AK)**
Wrangell Mountains **(AK)**
Akebono satellite
use EXOS-D satellite
akermanite
Tennessee Valley **(AL** -KY-TN)
Alabama
Aladin 2 aircraft
Alais meteorite
Los **Alamos** Molten Plutonium Reactor
Los **Alamos** Turret Reactor
use high temperature nuclear reactors
Los **Alamos** Water Boiler Reactor
alanine
alarms
use warning systems
false **alarms**
Alaska
Gulf of **Alaska**
Albania
albedo
cosmic ray **albedo**
Earth **albedo**
lunar **albedo**
Alberta
albinism
albumins
IRAS-Araki- **Alcock** comet
ethyl **alcohol**
furfuryl **alcohol**
isopropyl **alcohol**
methyl **alcohol**
polyvinyl **alcohol**
alcoholates
use alkoxides
alcohols
aldehydes
Diels- **Alder** reactions
aldolase
aldosterone
alertness

Aleutian Islands (US)
alexandrite
alfalfa
Alfven waves
use magnetohydrodynamic waves
AlGaAs
use aluminum gallium arsenides
algae
blue green **algae**
algal bloom
use algae
algebra
Boolean **algebra**
current **algebra**
differential **algebra**
use differential calculus
matrices (mathematics)
field theory **(algebra)**
Grassmann **algebra**
use vector spaces
Algeria
ALGOL
Algol engine
algorithmic oriented language
use ALGOL
algorithms
genetic **algorithms**
parsing **algorithms**
sorting **algorithms**
field **aligned** currents
alignment
polarization (spin **alignment)**
runway **alignment**
self **alignment**
Sikhote- **Alin** meteorite
aliphatic compounds
aliphatic hydrocarbons
alkali halides
alkali metal compounds
alkali metals
alkali vapor lamps
alkalies
alkaline batteries
alkaline earth compounds
alkaline earth metals
alkaline earth oxides
alkalinity
alkaloids
alkalosis
alkanes
alkenes
alkoxides
alkyd resins
alkyl compounds
alkylates
alkylation
alkylferrocene
alkylidene
alkynes
all sky photography
all–weather air navigation
all–weather landing systems
Allegheny Plateau (US)
Van **Allen** radiation belts
use radiation belts
Allende meteorite
allergic diseases
vortex **alleviation**
gust **alleviators**

resource **allocation**
allocations
allotropy
allowances
alloxan
mulberry **(alloy)**
low **alloy** steels
use high strength steels
alloying
alloys
aluminum **alloys**
aluminum-lithium **alloys**
antimony **alloys**
arsenic **alloys**
barium **alloys**
bearing **alloys**
beryllium **alloys**
binary **alloys**
bismuth **alloys**
boron **alloys**
cadmium **alloys**
cast **alloys**
cesium **alloys**
chromium **alloys**
cobalt **alloys**
copper **alloys**
erbium **alloys**
eutectic **alloys**
gadolinium **alloys**
gallium **alloys**
germanium **alloys**
gold **alloys**
hafnium **alloys**
heat resistant **alloys**
high strength **alloys**
high temperature **alloys**
use heat resistant alloys
indium **alloys**
iridium **alloys**
iron **alloys**
lanthanum **alloys**
lead **alloys**
light **alloys**
liquid **alloys**
lithium **alloys**
magnesium **alloys**
manganese **alloys**
mercury **alloys**
molybdenum **alloys**
monotectic **alloys**
neodymium **alloys**
nickel **alloys**
nimonic **alloys**
niobium **alloys**
nitinol **alloys**
osmium **alloys**
palladium **alloys**
platinum **alloys**
plutonium **alloys**
polymer **alloys**
use polymer blends
potassium **alloys**
quaternary **alloys**
rare earth **alloys**
refractory metal **alloys**
rhenium **alloys**
rhodium **alloys**
ruthenium **alloys**
selenium **alloys**

shape memory **alloys**
silicon **alloys**
silver **alloys**
sodium **alloys**
syntactic **alloys**
tantalum **alloys**
tellurium **alloys**
ternary **alloys**
thallium **alloys**
thorium **alloys**
tin **alloys**
titanium **alloys**
tungsten **alloys**
Udimet **alloys**
uranium **alloys**
vanadium **alloys**
wrought **alloys**
yttrium **alloys**
zinc **alloys**
zirconium **alloys**
alluvium
allyl compounds
almucantar
use elevation angle
winds **aloft**
Aloha system
Alouette 1 satellite
Alouette 2 satellite
Alouette 3 helicopter
use SE-3160 helicopter
Alouette B satellite
Alouette helicopters
Alouette project
Alouette satellites
Bayard- **Alpert** ionization gages
alpha decay
Alpha jet aircraft
H **alpha** line
alpha particles
alpha plasma devices
alpha radiation
use alpha particles
Lyman **alpha** radiation
alphabets
alphanumeric characters
alphatrons
Alpine meteorology
Alps Mountains (Europe)
ALS (launch system)
use Advanced Launch System (STS)
ALSEP
use Apollo Lunar Surface Experiments Package
high **alt** target and background measurement
Altair engine
use X-248 engine
alteration
use revisions
alternating current
alternating current generators
use AC generators
alternating direction implicit methods
alternations
alternatives
linear **alternators**
linear AC **alternators**
use linear alternators
static **alternators**
alternators (generators)
use AC generators
altimeters
laser **altimeters**
radar **altimeters**
use radio altimeters
radio **altimeters**
altimetry
satellite **altimetry**
altitude
flight **altitude**
high **altitude**
low **altitude**
simulated **altitude**
use altitude simulation
Spacecraft Charging at High **Altitude**
use SCATHA satellite
altitude acclimatization
high **altitude** balloons
high **altitude** breathing
altitude control
high **altitude** environments
high **altitude** flight
use flight
high altitude
supersonic low **altitude** missile
high **altitude** nuclear detection
high **altitude** pressure
altitude sickness
altitude simulation
high **altitude** sounding projectile
use WASP sounding rocket
altitude tests
high **altitude** tests
altitude tolerance
ALU (computer components)
use arithmetic and logic units
alum
alumina
use aluminum oxides
aluminates
aluminides
nickel **aluminides**
titanium **aluminides**
aluminizing
use aluminum coatings
aluminum
powdered **aluminum**
aluminum 26
aluminum 27
aluminum alloys
aluminum antimonides
aluminum arsenides
indium **aluminum** arsenides
aluminum borohydrides
aluminum boron composites
aluminum carbides
aluminum chlorides
aluminum coatings
aluminum compounds
organic **aluminum** compounds
aluminum fluorides
aluminum gallium arsenide lasers
aluminum gallium arsenides
yttrium- **aluminum** garnet
aluminum graphite composites
aluminum hydrides
lithium **aluminum** hydrides
aluminum isotopes

aluminum-lithium alloys
aluminum nitrides
aluminum oxides
aluminum perchlorates
sintered **aluminum** powder
aluminum silicates
alveolar air
alveoli
AM (modulation)
use amplitude modulation
amalgams
use mercury amalgams
mercury **amalgams**
Amalthea
Amazon region (South America)
Amberlite (trademark)
ambience
ambient temperature
ambiguity
ambipolar diffusion
ambit
use field theory (physics)
ambulances
Amazon region (South **America)**
Andes Mountains (South **America)**
Appalachian Mountains (North **America)**
Beaufort Sea (North **America)**
Central **America**
Colorado River (North **America)**
Great Lakes (North **America)**
Great Plains Corridor (North **America)**
North **America**
Rio Grande (North **America)**
Rocky Mountains (North **America)**
South **America**
St Lawrence Valley (North **America)**
Voice of **America**
Williston Basin (North **America)**
North **American** aircraft
American Indians
americium
americium 241
americium isotopes
amidase
amides
amines
amino acids
amino radical
aminophylline
ammeters
thermoelement **ammeters**
ammines
ammonia
liquid **ammonia**
ammonium bromides
ammonium chlorides
ammonium compounds
ammonium nitrates
ammonium perchlorates
ammonium phosphates
ammonium picrates
ammonium sulfates
ammonolysis
ammunition
incendiary **ammunition**
amobarbital
amoeba

AMOOS
use Aeromaneuvering Orbit to Orbit Shuttle
Amor asteroid
amorphous materials
amorphous semiconductors
amorphous silicon
amount
cyclic **AMP**
amperage
use electric current
volt-**ampere** characteristics
Monge-**Ampere** equation
amphetamines
amphibia
amphibious aircraft
amphibious vehicles
amphiboles
Amphitrite asteroid
amplidynes
amplification
fluid **amplification**
use fluid amplifiers
gain **(amplification)**
sound **amplification**
wave **amplification**
amplification factor
use amplification
amplifier design
amplifiers
balanced **amplifiers**
use push-pull amplifiers
beam plasma **amplifiers**
bistable **amplifiers**
use flip-flops
broadband **amplifiers**
crossed field **amplifiers**
current **amplifiers**
differential **amplifiers**
distributed **amplifiers**
electronic **amplifiers**
use amplifiers
feedback **amplifiers**
fluid **amplifiers**
fluid jet **amplifiers**
use fluid amplifiers
jet amplifiers
intermediate frequency **amplifiers**
jet **amplifiers**
light **amplifiers**
limiter **amplifiers**
linear **amplifiers**
magnetic **amplifiers**
magnetostatic **amplifiers**
microwave **amplifiers**
operational **amplifiers**
optical **amplifiers**
use light amplifiers
paramagnetic **amplifiers**
use masers
parametric **amplifiers**
power **amplifiers**
push-pull **amplifiers**
quantum **amplifiers**
reactance **amplifiers**
use parametric amplifiers
transistor **amplifiers**
traveling wave **amplifiers**

voltage **amplifiers**
amplitrons (trademark)
  use planotrons
pulse **amplitude**
scattering **amplitude**
pulse width **amplitude** converters
amplitude distribution analysis
variable **amplitude** loading
amplitude modulation
pulse **amplitude** modulation
quadrature **amplitude** modulation
amplitude probability analysis
  use amplitude distribution analysis
amplitudes
ampoules
AMPS (satellite payload)
AMPTE (satellites)
AMSU (radiometer)
  use Advanced Microwave Sounding
    Unit
AMTV
  use automated mixed traffic vehicles
AN-2 aircraft
AN-22 aircraft
Antonov **AN-22** aircraft
AN-24 aircraft
Antonov **AN-24** aircraft
anabaena
anaerobes
analgesia
analog circuits
analog computers
digital to **analog** converters
analog data
analog simulation
analog to digital converters
analogies
hydraulic **analogies**
analogs
membrane **analogy**
  use membrane structures
    structural analysis
analysis
  use analyzing
activation **analysis**
amplitude distribution **analysis**
amplitude probability **analysis**
  use amplitude distribution analysis
biological **analysis**
  use bioassay
bivariate **analysis**
cepstral **analysis**
chemical **analysis**
cluster **analysis**
combinatorial **analysis**
cost **analysis**
creep **analysis**
DAEMO (data **analysis)**
data **analysis**
  use data processing
    data reduction
data flow **analysis**
design **analysis**
differential thermal **analysis**
  use thermal analysis
dimensional **analysis**
DNS (numerical **analysis)**
DTA **(analysis)**

dynamic structural **analysis**
economic **analysis**
error **analysis**
factor **analysis**
failure **analysis**
feasibility **analysis**
flutter **analysis**
Fourier **analysis**
functional **analysis**
gas **analysis**
gas path **analysis**
harmonic **analysis**
histochemical **analysis**
hydrothermal stress **analysis**
image **analysis**
instrumental **analysis**
  use analyzing
    automation
management **analysis**
mathematical **analysis**
  use applications of mathematics
matrix **analysis**
  use matrices (mathematics)
multitemporal **analysis**
  use temporal resolution
multivariate statistical **analysis**
network **analysis**
neutron activation **analysis**
numerical **analysis**
optical flow (image **analysis)**
photoelastic **analysis**
postflight **analysis**
potentiometric **analysis**
preflight **analysis**
principal components **analysis**
program trend line **analysis**
qualitative **analysis**
quantitative **analysis**
regression **analysis**
reliability **analysis**
scene **analysis**
sequential **analysis**
signal **analysis**
signature **analysis**
sneak circuit **analysis**
spectral **analysis**
  use spectrum analysis
spectroscopic **analysis**
spectrum **analysis**
statistical **analysis**
stress **analysis**
structural **analysis**
systems **analysis**
tensor **analysis**
terrain **analysis**
thermal **analysis**
time series **analysis**
training **analysis**
trajectory **analysis**
trend **analysis**
vector **analysis**
volumetric **analysis**
wavelet **analysis**
weight **analysis**
x ray **analysis**
x ray stress **analysis**
analysis (mathematics)
analysis of variance

NASA Structural **Analysis** program
use NASTRAN
isotopic **analysis** (quantitative)
use isotope ratios
postmission **analysis** (spacecraft)
discriminant **analysis** (statistics)
prediction **analysis** techniques
analytic functions
analytic geometry
analytical chemistry
analyzers
differential **analyzers**
engine **analyzers**
frequency **analyzers**
oxygen **analyzers**
signal **analyzers**
analyzing
anaphylaxis
anastigmatism
anatase
anatomy
appendix **(anatomy)**
arm **(anatomy)**
capillaries **(anatomy)**
diaphragm **(anatomy)**
elbow **(anatomy)**
eye **(anatomy)**
face **(anatomy)**
feet **(anatomy)**
glands **(anatomy)**
hand **(anatomy)**
head **(anatomy)**
joints **(anatomy)**
knee **(anatomy)**
leg **(anatomy)**
limbs **(anatomy)**
lips **(anatomy)**
neck **(anatomy)**
nose **(anatomy)**
skin **(anatomy)**
anchors (fasteners)
Andes Mountains (South America)
andesite
Andorra
San **Andreas** Fault experiment
San **Andreas** Fault
Andromeda
Andromeda Constellation
Andromeda Galaxy
anechoic chambers
anelasticity
anemias
anemometers
drag force **anemometers**
hot-film **anemometers**
hot-wire **anemometers**
laser **anemometers**
sonic **anemometers**
anemometry
use velocity measurement
anesthesia
anesthesiology
anesthetics
angels (radar)
angina pectoris
angiography
angiosperms
Bragg **angle**
Brewster **angle**
dihedral **angle**
elevation **angle**
phase **angle**
use phase shift
sweep **angle**
wide **angle** lenses
angle of attack
zero **angle** of attack
apsidal **angles**
use apsides
glide **angles**
use glide paths
pitch **angles**
use pitch (inclination)
sweepback **angles**
use sweepback
look **angles** (electronics)
angles (geometry)
look **angles** (tracking)
Angola
angular acceleration
angular correlation
angular distribution
angular momentum
angular motion
use angular velocity
angular resolution
angular velocity
carbonic **anhydrase**
anhydrides
Anik 1
Anik 2
Anik 3
Anik A
use Anik 1
Anik B
use Anik 2
Anik C
use Anik 3
Anik satellites
aniline
animals
cold blooded **animals**
use poikilothermia
seals **(animals)**
warm blooded **animals**
use homeotherms
animation
computer **animation**
anions
anisole
anisotropic fluids
anisotropic media
anisotropic plates
anisotropic shells
anisotropy
elastic **anisotropy**
plastic **anisotropy**
Anna hurricane
ANNA satellites
annealing
laser **annealing**
simulated **annealing**
electron-positron **annihilation**
use positron annihilation
positron **annihilation**
annihilation reactions
annotations
annual variations

magnetic **annular** arc
annular core pulse reactors
annular ducts
annular flow
annular nozzles
annular plates
magnetic **annular** shock tubes
annular suspension and pointing system
annuli
multi- **anode** microchannel arrays
anodes
cell **anodes**
shell **anodes**
tube **anodes**
anodic coatings
anodic stripping
anodizing
anolytes
anomalies
congenital **anomalies**
geomagnetic **anomalies**
use magnetic anomalies
geothermal **anomalies**
gravity **anomalies**
magnetic **anomalies**
anomalous temperature zones
anorthosite
anoxia
ANS
use Astronomical Netherlands Satellite
Antarctic environment
use ice environments
Antarctic Ocean
Antarctic regions
Antarctica
use Antarctic regions
Antares rocket vehicle
Antelope missile
antenna arrays
antenna components
antenna couplers
antenna design
directors **(antenna elements)**
antenna feeds
antenna fields
use antenna radiation patterns
Global Communications **Antenna** Grid (navy)
use Seafarer project
underground radio **antenna** grid (navy)
use Seafarer project
antenna radiation patterns
antennas
aircraft **antennas**
backfire **antennas**
Cassegrain **antennas**
cylindrical **antennas**
delta **antennas**
dipole **antennas**
directional **antennas**
furlable **antennas**
gravitational wave **antennas**
Gregorian **antennas**
helical **antennas**
high resolution coverage **antennas**
hoop column **antennas**
horn **antennas**
inertialess steerable **antennas**
lens **antennas**
log periodic **antennas**
log spiral **antennas**
loop **antennas**
maypole **antennas**
microstrip **antennas**
microwave **antennas**
missile **antennas**
monopole **antennas**
monopulse **antennas**
multibeam **antennas**
omnidirectional **antennas**
parabolic **antennas**
parasitic **antennas**
use parasitic elements (antennas)
parasitic elements **(antennas)**
patch **antennas**
plasma **antennas**
radar **antennas**
radio **antennas**
rectifier **antennas**
use rectennas
reflector **antennas**
rhombic **antennas**
satellite **antennas**
Schwarzschild **antennas**
slot **antennas**
slotted **antennas**
use slot antennas
spacecraft **antennas**
spherical **antennas**
spike **antennas**
use monopole antennas
spiral **antennas**
steerable **antennas**
tracking **antennas**
use directional antennas
turnstile **antennas**
two reflector **antennas**
waveguide **antennas**
whip **antennas**
Yagi **antennas**
Antheus aircraft
use AN-22 aircraft
anthracene
anthracite
anthraquinones
anthropology
races **(anthropology)**
anthropometry
coherent **anti**-Stokes Raman spectroscopy
antiadrenergics
antiaircraft missiles
self initiated **antiaircraft** missiles
use SIAM missiles
antiinfectives and **antibacterials**
antibiotics
antibodies
anticholinergics
anticlines
anticlinoria
use anticlines
anticoagulants
anticonvulsants
anticyclones
antidiuretics
antidotes
antiemetics and antinauseants
antiferroelectricity

antiferromagnetism
antifouling
antifreezes
antifriction bearings
antigens
antigravity
Antigua and Barbuda
antihistaminics
antihypertensive agents
antiicing additives
antiinfectives and antibacterials
antiknock additives
Lesser **Antilles**
antimatter
matter- **antimatter** propulsion
antimissile defense
Downrange **Antimissile** Measurement Program
antimissile missiles
antimisting fuels
antimonides
aluminum **antimonides**
cadmium **antimonides**
cesium **antimonides**
gallium **antimonides**
germanium **antimonides**
indium **antimonides**
zinc **antimonides**
antimony
antimony alloys
antimony compounds
antimony fluorides
antimony isotopes
antiemetics and **antinauseants**
antineutrinos
antinodes
antinucleons
antioxidants
antiparticles
antipodes
antiprotons
antiquities
antiradar coatings
antiradiation drugs
antiradiation missiles
antireflection coatings
antiseptics
antiserums
antiship missiles
antiship warfare
antisite defects
antiskid devices
antistatic devices
use static dischargers
antisubmarine warfare
antisubmarine warfare aircraft
antisymmetry
antitank missiles
toxins and **antitoxins**
Antonov aircraft
Antonov AN-22 aircraft
use AN-22 aircraft
Antonov AN-24 aircraft
use AN-24 aircraft
anvil clouds
anvils
anxiety
Taylor manifest **anxiety** scale
AO-1 aircraft

AOIPS
use Atmospheric & Oceanographic Inform Sys
aorta
AOSO
Apache rocket vehicle
Nike- **Apache** rocket vehicle
apatites
use calcium phosphates
minerals
aperiodic functions
numerical **aperture**
synthetic **aperture** radar
large **aperture** seismic array
very small **aperture** terminals
use VSAT (network)
apertures
irises (mechanical **apertures)**
synthetic **apertures**
windows **(apertures)**
apex
apexes
aphelions
APL (programming language)
apnea
use respiration
apogee boost motors
SYNCOM **apogee** engines
apogee kick motors
use apogee boost motors
perigee- **apogee** satellites
apogees
Lunar Exploration System for **Apollo**
Apollo 5 flight
Apollo 6 flight
Apollo 7 flight
Apollo 8 flight
Apollo 9 flight
Apollo 10 flight
Apollo 11 flight
Apollo 12 flight
Apollo 13 flight
Apollo 14 flight
Apollo 15 flight
Apollo 16 flight
Apollo 17 flight
Apollo applications program
Apollo asteroids
Apollo extension system
Apollo flights
Apollo lunar experiment module
Apollo Lunar Surface Experiments Package
Apollo project
Apollo short stack
Apollo Soyuz test project
Apollo spacecraft
Early **Apollo** Surface Experiments Package
use EASEP
Apollo telescope mount
Appalachian Mountains (North America)
apparatus
use equipment
abort **apparatus**
breathing **apparatus**
drying **apparatus**
free flight test **apparatus**
hypersonic test **apparatus**

spraying **apparatus**
use sprayers
supersonic test **apparatus**
torque measuring **apparatus**
use torquemeters
underwater breathing **apparatus**
vacuum **apparatus**
wind tunnel **apparatus**
x ray **apparatus**
appearance
appendages
appendix (anatomy)
Hartree- **Appleton** approximation
electric **appliances**
use electric equipment
Office of Space & Terrestr **Applic** Payloads
use OSTA-1 payload
OSTA-2 payload
OSTA-3 payload
application
use utilization
application specific integrated circuits
laser **applications**
microgravity **applications**
multisensor **applications**
patent **applications**
Applications Explorer Satellites
Earth Viewing **Applications** Laboratory
applications of mathematics
Apollo **applications** program
Earth & Ocean Physics **Applications** Program
geographic **applications** program
applications programs (computers)
Space Processing **Applications** Rocket
Applications Technology Satellites
use ATS
Snow aerial **applicator** aircraft S-2B
use agricultural aircraft
approach
airborne radar **approach**
instrument **approach**
approach and landing tests (STS)
approach control
radar **approach** control
approach indicators
aircraft **approach** spacing
appropriations
approximation
Bardeen **approximation**
use barrier layers
electrical properties
surface properties
Born **approximation**
Born-Oppenheimer **approximation**
Boussinesq **approximation**
Chebyshev **approximation**
Eddington **approximation**
Hartree **approximation**
Hartree-Appleton **approximation**
use Hartree approximation
Hartree-Fock **approximation**
use Hartree approximation
Ocean **approximation**
Pade **approximation**
quadrature **approximation**
use quadratures
Sommerfeld **approximation**

WKB **approximation**
use Wentzel-Kramer-Brillouin method
approximation methods
use approximation
apsidal angles
use apsides
apsides
APT (picture transmission)
use automatic picture transmission
aptitude
Aquarid meteoroids
aquatic plants
aqueous solutions
aquiculture
aquifers
United **Arab** Emirates
Saudi **Arabia**
Arabian commercial satellite
use Arcomsat
Arabian Sea
Saudi **Arabian** space program
Arabsat
aragonite
IRAS- **Araki**-Alcock comet
aramid fiber composites
aramid fibers
magnetic annular **arc**
arc chambers
arc clouds
plasma **arc** cutting
arc discharges
arc generators
Gardien **arc** heaters
use arc heating
heating equipment
arc heating
arc jet engines
arc lamps
arc melting
arc spraying
plasma **arc** spraying
use arc spraying
vacuum **arc** switches
arc welding
gas tungsten **arc** welding
plasma **arc** welding
Arcas rocket vehicles
archaebacteria
archaeology
arches
archipelagoes
architecture
ceilings **(architecture)**
computer **architecture**
use architecture (computers)
architecture (computers)
Arcomsat
Arcon rocket vehicle
arcs
auroral **arcs**
carbon **arcs**
electric **arcs**
island **arcs**
mercury **arcs**
plasma **arcs**
use plasma jets
red **arcs**

Arctic environments
use ice environments
Arctic Ocean
Arctic regions
area
density (rate/ **area)**
flux (rate per unit **area)**
Large **Area** Crop Inventory Experiment
terminal **area** energy management
leaf **area** index
area navigation
local **area** networks
wide **area** networks
Small Water Plane **Area** Twin Hull
use SWATH (ship)
variable **area** wings
use trailing edge flaps
auditory sensation **areas**
catchment **areas**
use watersheds
industrial **areas**
lumbering **areas**
use forests
metropolitan **areas**
use cities
residential **areas**
rural **areas**
suburban **areas**
urban **areas**
use cities
frontal **areas** (meteorology)
use fronts (meteorology)
Arend-Roland comet
ARES (spacecraft)
use Advanced Reconn Electric Spacecraft
Argentina
Argentine space program
Argo rocket vehicles
argon
solid **argon**
use solidified gases
argon isotopes
argon lasers
HCL **argon** lasers
argon-oxygen atmospheres
argon plasma
Argos system
Argosy MK-1 aircraft
arguments (mathematics)
use independent variables
Argus project
Ariane 4 launch vehicle
Ariane 5 launch vehicle
Ariane launch vehicle
arid lands
Ariel
Ariel 1 satellite
Ariel 2 satellite
Ariel 3 satellite
Ariel 4 satellite
Ariel 5 satellite
Ariel satellites
Aries constellation
Aries sounding rocket
Arietid meteoroids
ARIP (impact prediction)
use computerized simulation impact prediction
ARIS instrumentation ship
use Advanced Range Instrumentation Ship
arithmetic
double precision **arithmetic**
fixed point **arithmetic**
floating point **arithmetic**
arithmetic and logic units
Arizona
Arkansas
arm (anatomy)
ARMA (mathematics)
use autoregressive moving average
armatures
armed forces
armed forces (foreign)
armed forces (United States)
light **armed** reconnaissance aircraft
use COIN aircraft
Armenia
armor
robot **arms**
arms (robotics)
use robot arms
field **army** ballistic missiles
Army-Navy instrumentation program
AROD (range-orbit determination)
use airborne range and orbit determination
aromatic compounds
polycyclic **aromatic** hydrocarbons
Aroos meteorite
arousal
ARPA computer network
ARQ (communication)
use automatic repeat request
large aperture seismic **array**
Very Large **Array** (VLA)
Very Long Baseline **Array** (VLBA)
arrays
antenna **arrays**
endfire **arrays**
focal plane **arrays**
use focal plane devices
laser **arrays**
linear **arrays**
multi-anode microchannel **arrays**
multispectral linear **arrays**
phased **arrays**
rollup solar **arrays**
use solar arrays
solar **arrays**
synthetic **arrays**
systolic **arrays**
crack **arrest**
arresters
arresting gear
brakes (for **arresting** motion)
arrhythmia
arrivals
Black **Arrow** launch vehicle
use Black Knight rocket vehicle
Space **Arrow** satellite
use Cosmos 149 satellite
arrow wings
arroyos

arsenates
arsenic
arsenic alloys
arsenic compounds
arsenic isotopes
aluminum gallium **arsenide** lasers
gallium **arsenide** lasers
arsenides
aluminum **arsenides**
aluminum gallium **arsenides**
gallium **arsenides**
indium **arsenides**
indium aluminum **arsenides**
indium gallium **arsenides**
artemia
arteries
arteriosclerosis
coronary **artery** disease
arthritis
arthropods
articulation (speech)
artifacts
artificial cardiac pacemaker
artificial clouds
artificial ears
artificial gravity
artificial harbors
artificial heart valves
artificial intelligence
knowledge bases **(artificial** intelligence)
artificial radiation belts
artificial respiration
use resuscitation
artificial satellites
artillery
artillery fire
arts
graphic **arts**
Aryabhata
use Indian spacecraft
aryl compounds
use aromatic compounds
ASA
use acetylsalicylic acid
asbestos
ascent
steepest **ascent** method
use steepest descent method
ascent propulsion systems
Lunar Module **Ascent** Stage
Space Shuttle **Ascent** Stage
ascent trajectories
ascorbic acid
ascorbic acid metabolism
ASCR reactor
use advanced sodium cooled reactor
ASDE
use airport surface detection equipment
ASE (aerodynamics)
use aeroservoelasticity
fly **ash**
ashes
Asia
Southeast **Asia**
ASIC
use application specific integrated circuits
aspartates

aspartic acid
aspect ratio
high **aspect** ratio
low **aspect** ratio
high **aspect** ratio wings
use slender wings
low **aspect** ratio wings
Aspergillus
asphalt
asphaltenes
aspheres
use aspheric optics
aspheric optics
asphericity
asphyxia
aspiration
use vacuum
ASRM (STS)
use Advanced Solid Rocket Motor (STS)
ASROC engine
Assateague Island (MD-VA)
Black Hawk **assault** helicopter
use H-60 Helicopter
assaulting
use attacking (assaulting)
attacking **(assaulting)**
assaying
assembler routines
assemblies
swing tail **assemblies**
tail **assemblies**
tails **(assemblies)**
assembling
assembly
orbital **assembly**
spacecraft orbital **assembly**
use orbital assembly
Assembly language
Assess program
damage **assessment**
technology **assessment**
assessments
ASSET gliders
ASSET project
assignment
use allocations
frequency **assignment**
demand **assignment** multiple access
assimilation
payload **assist** module
gravity **assist** trajectories
use swingby technique
cockpit **assistant** systems
use pilot support systems
computer **assisted** instruction
jet **assisted** takeoff
use JATO engines
Pilot's **Associate**
use pilot support systems
association reactions
associations
use organizations
associative processing (computers)
assumptions
assurance
Assured Crew Return Vehicle
astatine
astatine isotopes

ASTEC solar turboelectric generator
Amor **asteroid**
Amphitrite **asteroid**
Ceres **asteroid**
EROS **asteroid**
Gaspra **asteroid**
Icarus **asteroid**
Ida **asteroid**
Toro **asteroid**
Toutatis **asteroid**
Vesta **asteroid**
asteroid belts
asteroid capture
asteroid collisions
asteroid detection
Comet Rendezvous **Asteroid** Flyby Mission
asteroid missions
Near Earth **Asteroid** Rendezvous Mission
asteroids
Apollo **asteroids**
asthenopia
asthenosphere
asthma
astigmatism
ASTP
use Apollo Soyuz test project
astrionics
Astro missions (STS)
Astro vehicle
Astrobee 1500 rocket vehicle
Astrobee rocket vehicles
astrobiology
use exobiology
astrodynamics
astrography
Astroguide Navigation System
astrolabes
Astroloy (trademark)
astromasts
use longerons
astrometry
Astron thermonuclear reactor
astronaut locomotion
astronaut maneuvering equipment
astronaut performance
astronaut training
astronautics
astronauts
astronavigation
astronomical catalogs
astronomical coordinates
astronomical interferometry
astronomical maps
astronomical models
Astronomical Netherlands Satellite
astronomical observatories
Orbiting **Astronomical** Observatory
use OAO
astronomical photography
astronomical photometry
astronomical polarimetry
astronomical satellites
astronomical spectroscopy
astronomical telescopes
use telescopes
astronomy
black holes **(astronomy)**
gamma ray **astronomy**
gamma ray sources **(astronomy)**
infrared **astronomy**
infrared cirrus **(astronomy)**
infrared sources **(astronomy)**
local group **(astronomy)**
LTE **(astronomy)**
North Polar Spur **(astronomy)**
radar **astronomy**
radio **astronomy**
radio jets **(astronomy)**
radio sources **(astronomy)**
Rhea **(astronomy)**
seeing **(astronomy)**
sky surveys **(astronomy)**
solar convection **(astronomy)**
spaceborne **astronomy**
Stratospheric Observatory for IR **Astronomy**
use SOFIA (airborne observatory)
ultraviolet **astronomy**
white holes **(astronomy)**
x ray **astronomy**
Radio **Astronomy** Explorer 2
use Explorer 49 satellite
Radio **Astronomy** Explorer B
use Explorer 49 satellite
Gamma Ray **Astronomy** Explorer
use Explorer 11 satellite
Radio **Astronomy** Explorer satellite
High Energy **Astronomy** Observatories
use HEAO
High Energy **Astronomy** Observatory 1
use HEAO 1
High Energy **Astronomy** Observatory 2
use HEAO 2
High Energy **Astronomy** Observatory 3
use HEAO 3
High Energy **Astronomy** Observatory 4
use HEAO 4
High Energy **Astronomy** Observatory A
use HEAO 1
High Energy **Astronomy** Observatory B
use HEAO 2
High Energy **Astronomy** Observatory C
use HEAO 3
High Energy **Astronomy** Observatory D
use HEAO 4
Small **Astronomy** Satellite 1
use SAS-1
Small **Astronomy** Satellite 2
use SAS-2
Small **Astronomy** Satellite 3
use SAS-3
Infrared **Astronomy** Satellite
Magellan ultraviolet **astronomy** satellite
Small **Astronomy** Satellites
use SAS
astrophysics
computational **astrophysics**
cooling flows **(astrophysics)**
missing mass **(astrophysics)**
nuclear **astrophysics**
Advanced X Ray **Astrophysics** Facility
use X Ray Astrophysics Facility
X Ray **Astrophysics** Facility
Astroplane
asymmetrical optics
use aspheric optics
asymmetry
asymptotes
asymptotic giant branch stars

asymptotic methods
asymptotic properties
asymptotic series
asynchronous motors
asynchronous transfer mode
Spacecraft Charging **at** High Altitude
use SCATHA satellite
ATARS
use automatic traffic advisory and resolution
ataxia
ataxite
automated en route **ATC**
Atchafalaya River Basin (LA)
atelectasis
ATF
use F-22 aircraft
Athena rocket vehicle
atherosclerosis
use arteriosclerosis
athletes
athodyds
use ramjet engines
Atlanta (GA)
Atlantic aircraft
use Breguet 1150 aircraft
Atlantic Ocean
Central **Atlantic** Region (US)
Central **Atlantic** Regional Ecol Test Site
North **Atlantic** Treaty Organization (NATO)
GARP **Atlantic** Tropical Experiment
Atlantis (orbiter)
Atlas Able 5 launch vehicle
Atlas Agena B launch vehicle
Atlas Agena launch vehicles
Atlas Centaur launch vehicle
Atlas D ICBM
Atlas E ICBM
Atlas F ICBM
Atlas ICBM
Atlas launch vehicles
Atlas SLV-3 launch vehicle
ATLIT project
ATM (data transmission)
use asynchronous transfer mode
Earth **atmosphere**
equatorial **atmosphere**
free **atmosphere**
inert **atmosphere**
Jupiter **atmosphere**
lower **atmosphere**
lunar **atmosphere**
Mars **atmosphere**
Mercury **atmosphere**
middle **atmosphere**
midlatitude **atmosphere**
Neptune **atmosphere**
Pluto **atmosphere**
primitive Earth **atmosphere**
Saturn **atmosphere**
solar **atmosphere**
upper **atmosphere**
Uranus **atmosphere**
Venus **atmosphere**
Atmosphere Explorer A
use Explorer 17 satellite
Atmosphere Explorer B
use Explorer 32 satellite
Atmosphere Explorer C
use Explorer 51 satellite
Atmosphere Explorer D
use Explorer 54 satellite
Atmosphere Explorer E
use Explorer 55 satellite
Upper **Atmosphere** Research Satellite (UARS)
window **atmosphere** sounding projectile
use WASP sounding rocket
atmospheres
argon-oxygen **atmospheres**
cabin **atmospheres**
cometary **atmospheres**
controlled **atmospheres**
helium hydrogen **atmospheres**
helium-oxygen **atmospheres**
hypobaric **atmospheres**
neutral **atmospheres**
nongray **atmospheres**
planetary **atmospheres**
reference **atmospheres**
satellite **atmospheres**
spacecraft cabin **atmospheres**
standard **atmospheres**
use reference atmospheres
stellar **atmospheres**
Atmospheric & Oceanographic Inform Sys
atmospheric absorption
use atmospheric attenuation
Atmospheric and Magnetospheric Payload
use AMPS (satellite payload)
atmospheric attenuation
atmospheric boundary layer
atmospheric chemistry
atmospheric circulation
Atmospheric Cloud Physics Lab (Spacelab)
atmospheric composition
Lower **Atmospheric** Composition Experiment
use LACATE (experiment)
atmospheric conditions
use meteorology
atmospheric conductivity
atmospheric correction
atmospheric density
atmospheric diffusion
atmospheric effects
atmospheric electricity
atmospheric emission
use airglow
atmospheric energy sources
atmospheric entry
atmospheric entry simulation
Atmospheric General Circulation Experiment
Atmospheric General Circulation Models
atmospheric heat budget
atmospheric heating
atmospheric impurities
use air pollution
atmospheric ionization
atmospheric lasers

transversely excited **atmospheric** lasers
use TEA lasers
atmospheric loading
use pollution transport
atmospheric models
atmospheric moisture
atmospheric noise
use atmospherics
atmospheric optics
atmospheric physics
atmospheric pressure
atmospheric radiation
atmospheric refraction
Global **Atmospheric** Research Program
atmospheric scattering
atmospheric seeing
use seeing (astronomy)
atmospheric shells
use atmospheric stratification
atmospheric sounding
atmospheric stratification
atmospheric temperature
atmospheric tides
atmospheric turbulence
atmospheric windows
atmospherics
sudden enhancement of **atmospherics**
atoll reefs
use coral reefs
atolls
atom concentration
ion **atom** interactions
atomic batteries
use radioisotope batteries
atomic beams
atomic bombs
use fission weapons
atomic clocks
atomic clusters
atomic collisions
atomic energy
use nuclear energy
atomic energy levels
atomic excitations
atomic explosions
use nuclear explosions
atomic force microscopy
atomic gases
use monatomic gases
atomic interactions
atomic layer epitaxy
atomic mass
use atomic weights
atomic mobilities
atomic physics
quenching **(atomic** physics)
Enrico Fermi **atomic** power plant
atomic recombination
atomic spectra
atomic structure
atomic theory
atomic weights
atomization
use atomizing
gas **atomization**
liquid **atomization**
atomizers
atomizing
atoms

helium **atoms**
hot **atoms**
hydrogen **atoms**
metastable **atoms**
neutral **atoms**
nitrogen **atoms**
oxygen **atoms**
recoil **atoms**
ATP
use adenosine triphosphate
ATR-72 aircraft
ATR reactor
use advanced test reactors
solar **atriums**
atrophy
atropine
ATS
ATS 1
ATS 2
ATS 3
ATS 4
ATS 5
ATS 6
ATS 7
ATS 8
attachment
electron **attachment**
attachments
use accessories
attack
angle of **attack**
chemical **attack**
zero angle of **attack**
attack aircraft
attacking (assaulting)
attention
attenuation
acoustic **attenuation**
atmospheric **attenuation**
microwave **attenuation**
noise **attenuation**
use noise reduction
radar **attenuation**
radio **attenuation**
radio signal **attenuation**
use radio attenuation
shock wave **attenuation**
wave **attenuation**
attenuation coefficients
Radio **Attenuation** Measurement project
attenuators
attitude control
Discos (satellite **attitude** control)
pitch **attitude** control
use longitudinal control
satellite **attitude** control
Transit **Attitude** Control satellite
satellite **attitude** disturbance
use attitude stability
spacecraft stability
attitude gyros
attitude (inclination)
attitude indicators
helicopter **attitude** indicators
use attitude indicators
attitude stability
vertical **attitude** takeoff-landing aircraft
use VATOL aircraft
attraction

strange **attractors**
attractors (mathematics)
attributes
use properties
attrition (materials)
use comminution
audio data
audio equipment
audio frequencies
audio signals
audio tapes
audio visual equipment
audio visual material
audiology
audiometry
auditory defects
auditory fatigue
auditory perception
auditory sensation areas
auditory signals
auditory stimuli
auditory tasks
aufeis (ice)
Auger effect
Auger showers
use cosmic ray showers
Auger spectroscopy
augmentation
lift **augmentation**
stability **augmentation**
thrust **augmentation**
jet **augmented** wing flaps
use jet flaps
wing flaps
C-8A **augmentor** wing aircraft
AUOS
use Automatic Universal Orbiting Stations
cardiac **auricles**
Auriga constellation
Zeta **Aurigae** star
Aurora 7
auroral absorption
auroral activity
use auroras
auroral arcs
auroral echoes
auroral electrojets
auroral ionization
auroral irradiation
auroral spectroscopy
auroral temperature
auroral zones
auroras
polar **auroras**
use auroras
radio **auroras**
ausforming
austenite
austenitic stainless steels
Austin comet
Australia
Australian space program
australites
Austria
Austrian space program
autocatalysis
autoclaves
autoclaving
autocoders
autocollimators
use collimators
autocorrelation
autodynes
Avian 2/180 **autogiro**
autogyros
autoignition
use spontaneous combustion
autoionization
autokinesis
automata theory
automated en route ATC
automated guideway transit vehicles
automated mixed traffic vehicles
automated pilot advisory system
automated radar terminal system
Automated Transfer Vehicle
automated transit vehicles
automatic control
automatic control valves
automatic data processing
use data processing
automatic flight control
automatic frequency control
automatic gain control
automatic landing control
automatic pattern recognition
use pattern recognition
automatic picture transmission
automatic pilots
automatic repeat query
use automatic repeat request
automatic repeat request
automatic request for retransmission
use automatic repeat request
automatic rocket impact predictors
use computerized simulation
impact prediction
automatic test equipment
automatic traffic advisory and resolution
automatic typewriters
Automatic Universal Orbiting Stations
automatic weather stations
automation
office **automation**
automobile accidents
automobile engines
automobile fuels
automobiles
electric **automobiles**
automorphisms
autonomic nervous system
autonomous navigation
autonomous spacecraft clocks
autonomy
autopilots
use automatic pilots
autopoles
autoradiography
autoregressive moving average
autoregressive processes
autorotation
autotrophs
autumn

auxiliary equipment (computers)
use peripheral equipment (computers)
auxiliary power sources
Systems for Nuclear **Auxiliary** Power
use SNAP
chemical **auxiliary** power units
nuclear **auxiliary** power units
solar **auxiliary** power units
auxiliary propulsion
AV-8A aircraft
AV-8B aircraft
availability
electron **avalanche**
Townsend **avalanche**
avalanche diodes
controlled **avalanche** transit time devices
use CATT devices
trapped plasma **avalanche** triggered transit
use TRAPATT devices
avalanches
AVCS
use Advanced Vidicon Camera System (AVCS)
Advanced Vidicon Camera System **(AVCS)**
average
autoregressive moving **average**
Reynolds **averaging**
Ritz **averaging** method
AVHRR
use Advanced Very High Resolution Radiometer
Avian 2/180 autogiro
aviation
use aeronautics
civil **aviation**
commercial **aviation**
use civil aviation
commercial aircraft
military **aviation**
general **aviation** aircraft
Sud **Aviation** aircraft
aviation meteorology
aviation psychology
Sud **Aviation** SA-321 helicopter
use SA-321 helicopter
Sud **Aviation** SA-330 helicopter
use SA-330 helicopter
Sud **Aviation** SE-210 aircraft
use SE-210 aircraft
Sud **Aviation** SE-3160 helicopter
use SE-3160 helicopter
National **Aviation** System
General **Aviation** Whitcomb airfoil
use GAW-1 airfoil
GAW-2 airfoil
aviators
use aircraft pilots
avionics
Shuttle **Avionics** Integration Laboratory
use SAIL project
avoidance
collision **avoidance**
obstacle **avoidance**
vortex **avoidance**
Beacon Collision **Avoidance** System
AVRO 698 aircraft
use Vulcan aircraft
AVRO 707 aircraft
AVRO Whitworth HS-748 aircraft
use HS-748 aircraft
AWACS aircraft
awards
Get **Away** Specials (STS)
AXAF
use X Ray Astrophysics Facility
axes (coordinates)
use coordinates
axes of rotation
axes (reference lines)
axial compression loads
axial compressors
use turbocompressors
axial flow
axial flow compressors
use turbocompressors
axial flow pumps
axial flow turbines
axial loads
axial modes
axial strain
axial stress
axioms
aerodynamic **axis**
use aerodynamic balance
Earth **axis**
triple **axis** spectrometers
use neutron spectrometers
three **axis** stabilization
axisymmetric bodies
axisymmetric deformation
use axial strain
axisymmetric flow
axisymmetry
use symmetry
axles
use shafts (machine elements)
axons
Grand Canyon **(AZ)**
Phoenix **(AZ)**
Phoenix quadrangle **(AZ)**
azeotropes
Azerbaijan
triaminoguanidinium **azide**
glycidyl **azide** polymer
hydrogen **azides**
sodium **azides**
azides (inorganic)
azides (organic)
azimuth
solar **azimuth**
use azimuth
solar position
azines
azo compounds
azoles
Azores
Azotobacter
azulene
Azur satellite

B

ADI **B**
use Explorer 25 satellite
Air Density/Injun Explorer **B**
use Explorer 25 satellite

Anik **B**
use Anik 2
Atmosphere Explorer **B**
use Explorer 32 satellite
BE **B**
use Explorer 22 satellite
Beacon Explorer **B**
use Explorer 22 satellite
Earth Resources Technology Satellite **B**
use Landsat 2
Energetic Particle Explorer **B**
use Explorer 14 satellite
EOS- **B**
EPE- **B**
ERTS- **B**
Geostationary Operatl Environ Satellite **B**
use GOES 2
Gravity Probe **B**
HEAO **B**
use HEAO 2
Helios **B**
High Energy Astronomy Observatory **B**
use HEAO 2
IMP- **B**
ISIS- **B**
Lunar Orbiter **B**
use Lunar Orbiter 2
OGO- **B**
OSO- **B**
Radio Astronomy Explorer **B**
use Explorer 49 satellite
RAE **B**
use Explorer 49 satellite
SIR- **B**
Space Shuttle mission 31- **B**
Space Shuttle mission 41- **B**
Space Shuttle mission 51- **B**
Space Shuttle mission 61- **B**
Telesat Canada **B**
use Anik 2
vitamin **B**
use thiamine
B–1 aircraft
KIWI **B–1** Reactor
B–2 aircraft
vitamin **B** 2
use riboflavin
KIWI **B–4** Reactor
vitamin **B** 6
use pyridoxine
vitamin **B** 12
use cyanocobalamin
B–26 aircraft
B–47 aircraft
B–50 aircraft
B–52 aircraft
B–57 aircraft
B–58 aircraft
B–66 aircraft
B–70 aircraft
B–103 aircraft
Blackburn **B–103** aircraft
B–A-W devices
vitamin **B** complex
use biotin

Atlas Agena **B** launch vehicle
RAM **B** launch vehicle
BOMARC **B** missile
Agena **B** Ranger Program
KIWI **B** reactors
Agena **B** rocket vehicle
AE- **B** satellite
Alouette **B** satellite
COS- **B** satellite
EXOS- **B** satellite
GEOS- **B** satellite
HEOS **B** satellite
MagSat **B** satellite
Palapa **B** satellite
use Palapa 2 satellite
SEASAT- **B** satellite
SIRS **B** satellite
Gemini **B** spacecraft
B stars
X-258- **B1** engine
Y- **Ba**–Cu–O superconductors
babbitt metal
baboons
BAC 111 aircraft
BAC aircraft
BAC TSR 2 aircraft
use TSR-2 aircraft
Bacillus
back injuries
backfire
backfire antennas
Cosmic **Background** Explorer satellite
high alt target and **background** measurement
background noise
background radiation
Galactic Radiation Exp **Background** sats
use GREB satellites
backings
use backups
backlobes
reaction jet **backpacks**
use self maneuvering units
Solar **Backscatter** UV Spectrometer
backscattering
backshores
use beaches
backups
backward differencing
backward facing steps
backward wave tubes
backward waves
backwash
bacteria
bacterial diseases
bactericides
bacteriology
bacteriophages
badlands
baffles
air **bag** restraint devices
baggage
bags
gas **bags**
Bahamas
Bahrain
bailout
bainite
bainitic steel

Baja California
use Lower California (Mexico)
bajadas
use fans (landforms)
Bakelite (trademark)
bakeout
use degassing
Baker-Nunn camera
baking
balance
aerodynamic **balance**
drag **balance**
use aerodynamic balance
lift drag ratio
heat **balance**
mass **balance**
material **balance**
trim **(balance)**
water **balance**
balance equations
use equations
balanced amplifiers
use push-pull amplifiers
strain gage **balances**
wind tunnel **balances**
use weight indicators
wind tunnel apparatus
balancing
Baldwin-Lomax turbulence model
ball bearings
ball lightning
ballast
ballast (mass)
ballasts (impedances)
ballistic cameras
ballistic missile decoys
Ballistic Missile Early Warning System
ballistic missile submarines
ballistic missiles
field army **ballistic** missiles
fleet **ballistic** missiles
intercontinental **ballistic** missiles
intermediate range **ballistic** missiles
short range **ballistic** missiles
ballistic ranges
ballistic trajectories
ballistic vehicles
ballistics
interior **ballistics**
penetration **ballistics**
use terminal ballistics
terminal **ballistics**
rapid **ballistics** identification
ballistocardiography
balloon-borne instruments
balloon flight
balloon sounding
ballooning modes
balloons
constant volume **balloons**
use superpressure balloons
high altitude **balloons**
jimsphere **balloons**
kite **balloons**
use tethered balloons
meteorological **balloons**
ROBIN **balloons**
skyhook **balloons**
superpressure **balloons**
tethered **balloons**
balls
ballutes
Balmer series
balsa
Baltic sea
Baltic Shield (Europe)
Banach space
Bloch **band**
C **band**
error **band**
use accuracy
K **band**
use extremely high frequencies
KA **band**
use extremely high frequencies
KU **band**
use superhigh frequencies
L **band**
use ultrahigh frequencies
P **band**
S **band**
use superhigh frequencies
ultrahigh frequencies
unified S **band**
V **band**
use extremely high frequencies
X **band**
use superhigh frequencies
multispectral **band** cameras
passive L- **band** radiometers
band ratioing
multispectral **band** scanners
band structure of solids
bandgap
use energy gaps (solid state)
bandpass filters
bands
absorption **bands**
use absorption spectra
conduction **bands**
diffuse interstellar **bands**
energy **bands**
forbidden **bands**
frequency **bands**
use frequencies
Herzberg **bands**
Luder **bands**
use plastic deformation
yield point
photoluminescent **bands**
Schumann-Runge **bands**
slip **bands**
use edge dislocations
spectral **bands**
Swan **bands**
Vegard-Kaplan **bands**
bandstop filters
bandwidth
bang- **bang** control
big **bang** cosmology
Bangladesh
Jodrell **Bank** Observatory
banking flight
use turning flight
Outer **Banks** (NC)
Barany chair
Barbados
Antigua and **Barbuda**

barchans
use dunes
Bardeen approximation
use barrier layers
electrical properties
surface properties
Bardeen–Cooper-Schrieffer theory
Barents Sea
barite
barium
barium alloys
barium compounds
barium ferrates
barium fluorides
barium ion clouds
barium isotopes
barium oxides
barium sulfides
barium titanates
barium zirconates
Barkhausen effect
barley
baroclinic instability
baroclinic waves
baroclinity
barometers
barometric pressure
use atmospheric pressure
baroreceptors
barotrauma
barotropic flow
barotropism
barrages
barred galaxies
barrels
barrels (containers)
barren land
barrens
use barren land
barricades
use barriers
blood-brain **barrier**
sound **barrier**
use acoustic velocity
vapor **barrier** clothing
Schottky **barrier** diodes
use Schottky diodes
barrier injection transit time diodes
use Barritt diodes
barrier layers
metal- **barrier**–metal junctions
barriers
electrode film **barriers**
fences **(barriers)**
barriers (landforms)
thermal **barriers** (plasma control)
Barritt diodes
bars
elastic **bars**
prismatic **bars**
bars (landforms)
barycenter
use center of gravity
baryon resonance
baryons
basalt
Lewis **base**
acid **base** equilibrium

base flow
base heating
very long **base** interferometry
data **base** management systems
base pressure
double **base** propellants
double **base** rocket propellants
speech **baseband** compression
space surveillance (ground **based)**
ground **based** control
hydrogen- **based** energy
lunar **based** equipment
space **based** radar
knowledge **based** systems
Very Long **Baseline** Array (VLBA)
basements
bases
aircraft **bases**
use military air facilities
data **bases**
launching **bases**
lunar **bases**
Mars **bases**
numerical data **bases**
planetary **bases**
relational data **bases**
Schiff **bases**
use imines
space **bases**
knowledge **bases** (artificial intelligence)
bases (chemical)
bases (foundations)
use foundations
BASIC (programming language)
Kalahari **Basin** (Africa)
Chena River **Basin** (AK)
Feather River **Basin** (CA)
Columbia River **Basin** (ID-OR-WA)
Wabash River **Basin** (IL-IN-OH)
Atchafalaya River **Basin** (LA)
Susquehanna River **Basin** (MD-NY-PA)
Williston **Basin** (North America)
Lake Champlain **Basin** (NY-VT)
Delaware River **Basin** (US)
Great **Basin** (US)
Missouri River **Basin** (US)
basins
use structural basins
closed **basins**
use structural basins
river **basins**
structural **basins**
basins (containers)
baskets
bastnaesite
batch processing
bathing
batholiths
baths
salt **baths**
bathymeters
bathymetry
use bathymeters
bathythermographs
bats
batteries
use electric batteries
alkaline **batteries**

atomic **batteries**
  use radioisotope batteries
cadmium nickel **batteries**
  use nickel cadmium batteries
cadmium silver **batteries**
  use silver cadmium batteries
electric **batteries**
lead acid **batteries**
lithium sulfur **batteries**
metal air **batteries**
nickel cadmium **batteries**
nickel hydrogen **batteries**
nickel iron **batteries**
nickel zinc **batteries**
primary **batteries**
radioisotope **batteries**
secondary **batteries**
  use storage batteries
silver cadmium **batteries**
silver hydrogen **batteries**
silver oxide zinc **batteries**
  use silver zinc batteries
silver zinc **batteries**
sodium sulfur **batteries**
storage **batteries**
thermal **batteries**
zinc nickel **batteries**
  use nickel zinc batteries
zinc silver **batteries**
  use silver zinc batteries
zinc silver oxide **batteries**
  use silver zinc batteries
zinc-bromide **batteries**
zinc-chlorine **batteries**
zinc-oxygen **batteries**
battery chargers
battery separators
  use separators
Bauschinger effect
bauxite
Monterey **Bay** (CA)
San Francisco **Bay** (CA)
San Pablo **Bay** (CA)
Hudson **Bay** (Canada)
bay ice
Saginaw **Bay** (MI)
Chesapeake **Bay** (US)
Delaware **Bay** (US)
Bayard-Alpert ionization gages
Bayes theorem
Bayesian belief networks
  use belief networks
Bayesian statistics
  use Bayes theorem
bayous
bays
bays (structural units)
bays (topographic features)
BBGKY hierarchy
BCAS
  use Beacon Collision Avoidance System
BCC lattices
  use body centered cubic lattices
BCH codes
BCS theory
BE-3 engine
BE A
  use Beacon Explorer A
BE B
  use Explorer 22 satellite
BE C
  use Explorer 27 satellite
beaches
polar ionosphere **beacon**
  use Beacon satellites
Beacon Collision Avoidance System
Beacon Explorer A
Beacon Explorer B
  use Explorer 22 satellite
Beacon Explorer C
  use Explorer 27 satellite
orbiting radio **beacon** ionospheric sounder
  use ORBIS
Beacon satellites
discrete address **beacon** system
beacons
airport **beacons**
racon **beacons**
  use radar beacons
radar **beacons**
radio **beacons**
beads
Beagle aircraft
beam currents
laser **beam** defocusing
  use thermal blooming
molecular **beam** epitaxy
beam forming
  use beamforming
beam injection
beam interactions
multiple **beam** interval scanners
microwave scanning **beam** landing system
beam leads
beam neutralization
beam plasma amplifiers
high flux **beam** reactors
beam rider guidance
beam splitters
beam steering
beam switching
return **beam** vidicons
beam waveguides
electron **beam** welding
beamed power
  use power beaming
beamforming
laser power **beaming**
microwave power **beaming**
power **beaming**
beams
atomic **beams**
box **beams**
cantilever **beams**
curved **beams**
electron **beams**
gamma ray **beams**
I **beams**
ion **beams**
laser **beams**
light **beams**
molecular **beams**
neutral **beams**
neutrino **beams**
neutron **beams**

particle **beams**
pencil **beams**
phonon **beams**
photon **beams**
pion **beams**
proton **beams**
radar **beams**
rectangular **beams**
relativistic electron **beams**
structural **beams**
use beams (supports)
Timoshenko **beams**
beams (radiation)
beams (supports)
beamshaping
use beamforming
bearing
bearing alloys
bearing (direction)
bearingless rotors
bearings
air **bearings**
use gas bearings
antifriction **bearings**
ball **bearings**
foil **bearings**
gas **bearings**
gas lubricated **bearings**
use gas bearings
journal **bearings**
liquid **bearings**
magnetic **bearings**
needle **bearings**
roller **bearings**
thrust **bearings**
bears
beat
use synchronism
beat frequencies
Beaufort Sea (North America)
DHC **Beaver** aircraft
use DHC 2 aircraft
fluidized **bed** processors
pebble **bed** reactors
bed rest
bedding equipment
bedlasites
bedrock
beds
lake **beds**
use beds (geology)
salt **beds**
test **beds**
use test stands
beds (geology)
beds (process engineering)
Flying **Bedstead** aircraft
use flying platforms
Beech 99 aircraft
Beech aircraft
use Beechcraft aircraft
Beech C-33 aircraft
use C-33 aircraft
Beech S-35 aircraft
use C-35 aircraft
Beechcraft 18 aircraft
Beechcraft aircraft
Beer law

bees
beetles
sugar **beets**
behavior
group **behavior**
use group dynamics
human **behavior**
Integ Med and **Behavioral** Lab Measur System
use IMBLMS
human **beings**
Belarus
Belfast aircraft
use SC-5 aircraft
Short **Belfast** C MK-1 aircraft
use SC-5 aircraft
Belgian Congo
use Democratic Republic of Congo
Belgian space program
Belgium
belief networks
Bayesian **belief** networks
use belief networks
Belize
Bell 214A helicopter
Bell aircraft
Bellman theory
bellows
bells
inner radiation **belt**
Kuiper **belt**
outer radiation **belt**
terrestrial dust **belt**
Stokes- **Beltrami** equation
Beltrami flow
belts
artificial radiation **belts**
asteroid **belts**
proton **belts**
radiation **belts**
Rouse **belts**
seat **belts**
Van Allen radiation **belts**
use radiation belts
Benard cells
Rayleigh- **Benard** convection
benches
use seats
bend tests
bending
brakes (forming or **bending)**
elastic **bending**
bending diagrams
bending fatigue
bending moments
bending strength
use flexural strength
bending theory
bending vibration
U **bends**
bends (physiology)
use decompression sickness
beneficiation
Benin
bentonite
benzene
benzene poisoning
benzilic acid
benzoic acid

benzoquinone
use quinones
Berenice rocket vehicle
Bergman operator
Bering Sea
berkelium
Bermuda
Bernoulli equation
use Bernoulli theorem
Bernoulli theorem
Bernstein energy principle
beryl
beryllium
beryllium 7
beryllium 9
beryllium 10
beryllium alloys
beryllium borohydrides
beryllium chlorides
beryllium compounds
beryllium fluorides
beryllium hydrides
beryllium isotopes
beryllium nitrides
beryllium oxides
beryllium poisoning
BESS (satellite)
Bessel-Bredichin theory
Bessel functions
Fourier- **Bessel** transformations
beta factor
beta interactions
use weak interactions (field theory)
H **beta** line
beta particles
Lyman **beta** radiation
betaines
betatrons
Bethe-Heitler formula
Bethe-Salpeter equation
mean time **between** failures
use MTBF
bevatron
beverages
BGK model
Bhatnagar-Gross-Krook model
Bhutan
Bi-Sr-Ca-Cu-O superconductors
bias
response **bias**
bibliographies
bicarbonates
use carbonates
bicrystals
bicycle
bidirectional reflectance
Van **Biesbroeck** star
bifurcation (biology)
bifurcation (mathematics)
use branching (mathematics)
big bang cosmology
Bighorn Mountains (MT-WY)
bights
use bays (topographic features)
biharmonic equations
billets
bimetals
bimetric theories
x ray **binaries**

binary alloys
binary codes
decimal to **binary** converters
binary data
binary digits
binary fluids
binary integration
binary mixtures
binary phase shift keying
binary stars
eclipsing **binary** stars
binary summators
use adding circuits
binary systems (digital)
use digital systems
binary systems (materials)
binary to decimal converters
binaural hearing
propellant **binders**
solid rocket **binders**
binders (adhesives)
use adhesives
binders (materials)
binding
binding energy
gravitational **binding** energy
nuclear **binding** energy
binocular vision
binoculars
binomial coefficients
binomial theorem
binomials
bioacoustics
bioassay
Bioastronautical Orbital Space System
bioastronautics
biochemical fuel cells
biochemical oxygen demand
biochemistry
bioclimatology
use biometeorology
biocompatibility
biocontrol systems
bioconversion
biodegradability
biodegradation
biodiversity
use biological diversity
biodynamics
bioelectric potential
bioelectricity
bioengineering
biofeedback
bioflavonoids
biogenesis
use biological evolution
biogeny
biogeochemistry
biography
bioinstrumentation
body temperature (non- **biological)**
cellular materials (non **biological)**
skin temperature (non- **biological)**
biological activity
use activity (biology)
biological analysis
use bioassay

biological cells
use cells (biology)
biological clocks
use rhythm (biology)
biological diversity
relative **biological** effectiveness (RBE)
biological effects
biological evolution
biological models
use bionics
biological models (mathematics)
biological rhythm
use rhythm (biology)
biology
activation **(biology)**
activity **(biology)**
activity cycles **(biology)**
aging **(biology)**
bifurcation **(biology)**
body composition **(biology)**
body measurement **(biology)**
body size **(biology)**
body volume **(biology)**
cell membranes **(biology)**
cells **(biology)**
cloning **(biology)**
complement **(biology)**
desynchronization **(biology)**
differentiation **(biology)**
fatigue **(biology)**
flight stress **(biology)**
hybrids **(biology)**
implanted electrodes **(biology)**
information processing **(biology)**
ingestion **(biology)**
life **(biology)**
marine **biology**
molecular **biology**
motor systems **(biology)**
periodicity **(biology)**
regulatory mechanisms **(biology)**
reproduction **(biology)**
rhythm **(biology)**
skin temperature **(biology)**
space **biology**
use exobiology
stress **(biology)**
tissues **(biology)**
bioluminescence
biomagnetism
biomass
biomass energy production
biomechanics
use biodynamics
biomedical data
Biomedical Experiment Scientific Satellite
use BESS (satellite)
biometeorology
biometrics
bionics
biopaks
biophysics
biopolymer denaturation
biopolymers
denaturation **(biopolymers)**
bioprocessing
bioreactors
bioregeneration
use regeneration (physiology)
bioregenerative life support systems
use closed ecological systems
biorhythms
use rhythm (biology)
BIOS project
Biosatellite 1
Biosatellite 2
Biosatellite 3
biosatellites
biosensors
use bioinstrumentation
biosimulation
use bionics
biosphere
International Geosphere- **Biosphere** program
biosynthesis
Biot method
Biot number
biotechnology
biotelemetry
biotin
biotite
biphase shift keying
use binary phase shift keying
polybrominated **biphenyls**
polychlorinated **biphenyls**
biplanes
bipolar transistors
bipolarity
bipropellants
use liquid rocket propellants
bird-aircraft collisions
Early **Bird** satellites
birds
birefringence
birefringent coatings
birefringent filters
Birkeland currents
birth
bismaleimide
bismuth
bismuth 205
use bismuth isotopes
bismuth alloys
bismuth compounds
bismuth isotopes
bismuth oxides
bismuth sulfides
bismuth tellurides
bisphenols
optical **bistability**
bistable amplifiers
use flip-flops
bistable circuits
bistatic radar
use multistatic radar
bistatic reflectivity
bit error rate
bit synchronization
biternary code
bits
drill **bits**
bitumens
bivariate analysis
BL Lacertae objects
platinum **black**
black and white photography

Black Arrow launch vehicle
use Black Knight rocket vehicle
black body radiation
Black Brant 1 sounding rocket
Black Brant 2 sounding rocket
Black Brant 3 sounding rocket
Black Brant 4 sounding rocket
Black Brant 5 sounding rocket
Black Brant sounding rockets
Black Hawk assault helicopter
use H-60 Helicopter
Black Hills (SD-WY)
black holes (astronomy)
Black Knight rocket vehicle
Black Sea
Blackbird aircraft
use SR-71 aircraft
Blackburn B-103 aircraft
use Buccaneer aircraft
blackout
ionospheric **blackout**
use blackout (propagation)
polar radio **blackout**
blackout (physiology)
blackout prevention
blackout (propagation)
bladder
expulsion **bladders**
bladders (mechanics)
use diaphragms (mechanics)
vortex- **blade** interaction
blade slap
use blade-vortex interaction
blade slap noise
blade tips
blade-vortex interaction
blades
compressor **blades**
fan **blades**
hinged rotor **blades**
use hinges
rotary wings
impeller **blades**
use rotor blades (turbomachinery)
propeller **blades**
razor **blades**
rotor **blades**
stator **blades**
turbine **blades**
turbomachine **blades**
blades (cutters)
rotor **blades** (turbomachinery)
blankets
solar **blankets**
blankets (fission reactors)
blankets (fusion reactors)
blanking
blanking (cutting)
blanks
Blasius equation
Blasius flow
blast deflectors
jet **blast** effects
blast loads
post- **blast** nuclear radiation
blastoff
use rocket launching
blasts

air **blasts**
use aerial explosions
Blattidae
use cockroaches
blazars
bleaching
bleed-off
bleeding
blends
use mixtures
polymer **blends**
blight
blind landing
blindness
flash **blindness**
blinds
blinking
blisters
Bloch band
Ranger **block** 3 television system
block copolymers
block diagrams
Block Island Sound (RI)
multiple **blocked** grids
use multiblock grids
blocking
cholinergic **blocking** agents
use anticholinergics
blocks
Langmuir- **Blodgett** films
bloedite
blood
corpuscles **(blood)**
blood-brain barrier
blood cells
red **blood** cells
use erythrocytes
white **blood** cells
use leukocytes
blood circulation
blood coagulation
blood flow
blood groups
blood plasma
blood pressure
blood pumps
blood vessels
blood volume
cold **blooded** animals
use poikilothermia
warm **blooded** animals
use homeotherms
algal **bloom**
use algae
plankton **bloom**
use plankton
thermal **blooming**
blowdown wind tunnels
blowers
blowing
spanwise **blowing**
tangential **blowing**
under surface **blowing**
upper surface **blowing**
blown flaps
use externally blown flaps
externally **blown** flaps
upper surface **blown** flaps

blowoff (combustion)
use flameout
blowouts
methylene **blue**
Blue Goose missile
blue green algae
Blue Scout rocket vehicle
blue stars
Blue Steel missile
Blue Streak launch vehicle
Blue Streak missile
blueprints
bluff bodies
bluffs (landforms)
use cliffs
blunt bodies
blunt leading edges
blunt trailing edges
blurring
BMC
use bone mineral content
BMEWS
use Ballistic Missile Early Warning System
BO-105 helicopter
circuit **boards**
computer bulletin **boards**
use electronic bulletin boards
control **boards**
electronic bulletin **boards**
boards (paper)
boats
hydrofoil **boats**
use hydrofoil craft
boattails
BOD
use biochemical oxygen demand
Karman- **Bodewadt** flow
bodies
axisymmetric **bodies**
bluff **bodies**
blunt **bodies**
celestial **bodies**
conical **bodies**
cylindrical **bodies**
ducted **bodies**
elastic **bodies**
finned **bodies**
flared **bodies**
flexible **bodies**
foreign **bodies**
hemisphere cylinder **bodies**
inelastic **bodies**
use rigid structures
lenticular **bodies**
lifting **bodies**
maneuverable reentry **bodies**
Maxwell **bodies**
missile **bodies**
parabolic **bodies**
plastic **bodies**
power law **bodies**
pyramidal **bodies**
reentry **bodies**
use reentry vehicles
rigid **bodies**
use rigid structures
rotating **bodies**
shrouded **bodies**
use shrouds
slender **bodies**
streamlined **bodies**
submerged **bodies**
symmetrical **bodies**
thin **bodies**
three dimensional **bodies**
towed **bodies**
two dimensional **bodies**
bodies of revolution
carotid sinus **body**
human **body**
M-2 lifting **body**
M-2F2 lifting **body**
M-2F3 lifting **body**
Mark 1 reentry **body**
Mark 2 reentry **body**
Mark 3 reentry **body**
Mark 4 reentry **body**
Mark 5 reentry **body**
Mark 6 reentry **body**
Mark 11 reentry **body**
Mark 12 reentry **body**
Mark 17 reentry **body**
body centered cubic lattices
body composition (biology)
body fluids
rotor **body** interactions
body kinematics
body measurement (biology)
lower **body** negative pressure
two **body** orbits
use two body problem
four **body** problem
many **body** problem
N- **body** problem
three **body** problem
two **body** problem
black **body** radiation
body size (biology)
body sway test
body temperature
body temperature (non-biological)
use temperature
body temperature regulation
use thermoregulation
body volume (biology)
body weight
body-wing and tail configurations
body-wing configurations
Boeing 707 aircraft
Boeing 720 aircraft
Boeing 727 aircraft
Boeing 733 aircraft
Boeing 737 aircraft
Boeing 747 aircraft
Boeing 747B aircraft
use E-4A aircraft
Boeing 757 aircraft
Boeing 767 aircraft
Boeing 777 aircraft
Boeing 2707 aircraft
Boeing aircraft
Bogoliubov theory
bogs
use marshlands
Bohr magneton
Bohr theory

boiler plate
Los Alamos Water **Boiler** Reactor
boilers
boiling
film **boiling**
nucleate **boiling**
Halden **Boiling** Water Reactor
boiling water reactors
experimental **boiling** water reactors
Cold **Bokkeveld** meteorite
bolides
Bolivia
Bolkow aircraft
boll weevils
bollworms
bolograms
use bolometers
bolometers
bolted joints
bolts
rock **bolts**
Maxwell- **Boltzmann** density function
Boltzmann distribution
Stefan- **Boltzmann** law
Boltzmann transport equation
Boltzmann-Vlasov equation
Bolza problems
BOMARC A missile
BOMARC B missile
BOMARC missiles
bomb calorimeters
bombardment
electron **bombardment**
Canberra **bomber**
use B-57 aircraft
Shackleton **bomber**
stealth **bomber**
use B-2 aircraft
bomber aircraft
bombing equipment
bombs
atomic **bombs**
use fission weapons
hydrogen **bombs**
use fusion weapons
bombs (ordnance)
bombs (pressure gages)
use pressure gages
bombs (samplers)
use samplers
Bonanza aircraft
use C-35 aircraft
bond graphs
Fokker **bond** testers
use adhesion tests
bonded joints
case **bonded** propellants
bonding
adhesive **bonding**
ceramic **bonding**
diffusion **bonding**
use diffusion welding
electrostatic **bonding**
inertia **bonding**
metal **bonding**
metal-metal **bonding**
reaction **bonding**
resin **bonding**
bondlines
use bonded joints
Bondoc meteorite
chemical **bonds**
covalent **bonds**
hydrogen **bonds**
molecular **bonds**
use chemical bonds
bone demineralization
bone marrow
bone mineral content
bones
Bonne projection
Boolean algebra
Boolean functions
boom
sonic **booms**
booms (equipment)
boost
use acceleration (physics)
apogee **boost** motors
post **boost** propulsion system
Pegasus air-launched **booster**
booster recovery
booster rocket engines
Nike **booster** rocket engines
booster rockets
boosters
air breathing **boosters**
rocket **boosters**
use booster rocket engines
Shuttle **Boosters**
use Space Shuttle Boosters
Space Shuttle **Boosters**
SRB (Solid Rocket **Boosters)**
boosters (explosives)
Solid Rocket **Boosters** (Space Shuttle)
use Space Shuttle Boosters
boostglide vehicles
boots (footwear)
Boral
hydrazine **borane**
boranes
borates
lithium **borates**
Borazon (trademark)
use boron nitrides
borders
Bordoni peaks
Corona **Borealis** constellation
R Coronae **Borealis** stars
boredom
boreholes
Borel sets
bores
use cavities
borescopes
use endoscopes
boresight error
boresights
boric acids
borides
chromium **borides**
titanium **borides**
boring machines
Born approximation
Born-Infeld theory
Born-Mayer equation
Born-Oppenheimer approximation

balloon- **borne** instruments
rocket- **borne** instruments
satellite- **borne** instruments
rocket- **borne** photography
satellite- **borne** photography
satellite- **borne** radar
borohydrides
aluminum **borohydrides**
beryllium **borohydrides**
boron
boron 10
boron alloys
boron carbides
boron chlorides
aluminum **boron** composites
boron compounds
organic **boron** compounds
boron-epoxy composites
boron fibers
boron fluorides
boron hydrides
boron isotopes
boron nitrides
boron oxides
boron phosphides
boron reinforced materials
boron trifluoride
use boron fluorides
borosilicate glass
Borsic (tradename)
Bose-Chaudhuri-Hocquengham
codes
Bose-Einstein condensates
Bose-Einstein statistics
Bose geometry
Bosnia
use Bosnia and Herzegovina
Bosnia and Herzegovina
boson fields
bosons
Higgs **bosons**
botany
brush **(botany)**
cortexes **(botany)**
plants **(botany)**
rusts **(botany)**
scrubs **(botany)**
Botswana
bottles
ocean **bottom**
Clostridium **botulinum**
Bouguer law
boules
boundaries
fluid **boundaries**
free **boundaries**
grain **boundaries**
jet **boundaries**
core-mantle **boundary**
Cretaceous-Tertiary **boundary**
K-T **boundary**
use Cretaceous-Tertiary boundary
boundary conditions
boundary detection (imagery)
use edge detection
boundary element method
boundary integral method
atmospheric **boundary** layer
boundary layer combustion
compressible **boundary** layer
boundary layer control
porous **boundary** layer control
boundary layer equations
boundary layer flow
hypersonic **boundary** layer
incompressible **boundary** layer
laminar **boundary** layer
boundary layer noise
use aerodynamic noise
boundary layers
planetary **boundary** layer
boundary layer plasmas
boundary layer separation
laminar **boundary** layer separation
use boundary layer separation
laminar boundary layer
boundary layer stability
thermal **boundary** layer
boundary layer thickness
three dimensional **boundary** layer
boundary layer transition
turbulent **boundary** layer
two dimensional **boundary** layer
boundary layers
supersonic **boundary** layers
boundary lubrication
boundary value problems
Cramer-Rao **bounds**
Bourdon tubes
Boussinesq approximation
bow shock waves
use shock waves
bow waves
bows
box beams
boxes
Skinner **boxes**
boxes (containers)
BPSK
use binary phase shift keying
brackets
bradycardia
Bragg angle
Bragg cells
Bragg curve
Bragg gratings
Bragg mirrors
use Bragg reflectors
distributed **Bragg** reflector lasers
use DBR lasers
Bragg reflectors
braided composites
braille
brain
blood- **brain** barrier
brain circulation
brain damage
brain stem
brakes
aerodynamic **brakes**
aircraft **brakes**
wheel **brakes**
brakes (for arresting motion)
brakes (forming or bending)
braiding
asymptotic giant **branch** stars
horizontal **branch** stars
branching (mathematics)

branching (physics)
Black **Brant** 1 sounding rocket
Black **Brant** 2 sounding rocket
Black **Brant** 3 sounding rocket
Black **Brant** 4 sounding rocket
Black **Brant** 5 sounding rocket
Black **Brant** sounding rockets
brasses
Bravais crystals
Brayton cycle
Brazil
Brazilian space program
brazing
low temperature **brazing**
Brazzaville
use Congo (Brazzaville)
Congo **(Brazzaville)**
breadboard models
breakaway
use boundary layer separation
breakdown
electrical **breakdown**
use electrical faults
voltage **breakdown**
use electrical faults
vortex **breakdown**
circuit **breakers**
breakers (electric)
use circuit breakers
breaking
symmetry **breaking**
use broken symmetry
orbital **breakup**
use spacecraft breakup
reentry **breakup**
use spacecraft breakup
satellite **breakup**
use spacecraft breakup
spacecraft **breakup**
breakup (spacecraft)
use spacecraft breakup
breakwaters
breathing
high altitude **breathing**
liquid **breathing**
oxygen **breathing**
pressure **breathing**
breathing apparatus
underwater **breathing** apparatus
air **breathing** boosters
air **breathing** engines
emergency **breathing** techniques
breathing vibration
breccia
Bessel-**Bredichin** theory
Experimental **Breeder** Reactor 1
Experimental **Breeder** Reactor 2
breeder reactors
light water **breeder** reactors
liquid metal fast **breeder** reactors
breeding (reproduction)
sea **breeze**
Breguet 940 aircraft
Breguet 941 aircraft
Breguet 1150 aircraft
Breguet aircraft
bremsstrahlung
Hering-**Breuer** reflex
Brewster angle

bricks
wire **bridge** circuits
bridges
electric **bridges**
liquid **bridges**
Wheatstone **bridges**
bridges (landforms)
bridges (structures)
crack **bridging**
fiber **bridging**
use crack bridging
grain **bridging**
use crack bridging
Bridgman method
bucket **brigade** devices
limb **brightening**
brightness
sky **brightness**
brightness discrimination
brightness distribution
brightness temperature
Brillouin effect
Brillouin flow
Wentzel-Kramer-**Brillouin** method
Brillouin–Wigner equation
Brillouin zones
brines
briquets
Bristol–Siddeley BS 53 engine
Bristol–Siddeley Olympus 593 engine
Bristol–Siddeley Viper engine
Great **Britain**
use United Kingdom
British Aircraft Corp aircraft
use BAC aircraft
British Columbia
British Guinea
use Guyana
British Honduras
use Belize
brittle–ductile transition
brittle materials
ductile-**brittle** transition
brittleness
broadband
broadband amplifiers
direct **broadcast** satellites
broadcasting
radio **broadcasting**
use broadcasting
pressure **broadening**
de **Broglie** wavelengths
broken symmetry
bromates
zinc-**bromide** batteries
bromides
ammonium **bromides**
cesium **bromides**
chromium **bromides**
magnesium **bromides**
potassium **bromides**
silver **bromides**
sodium **bromides**
strontium **bromides**
bromination
bromine
bromine 82
use bromine isotopes

bromine 87
use bromine isotopes
bromine compounds
bromine isotopes
bronchi
bronchial tubes
use bronchi
bronzes
Plum **Brook** Reactor
Brorsen–Metcalf comet
broths
brown dwarf stars
brown wave effect
Brownian movements
Bruceton test
use statistical tests
brucite
Bruderheim meteorite
Brunei
New **Brunswick**
Brunt–Vaisala frequency
brush (botany)
brush seals
brushes
brushes (electrical contacts)
Bryophytes
Bristol-Siddeley **BS** 53 engine
BSCCO superconductors
BSX
bubble chambers
bubble memory devices
bubble technique
captured air **bubble** vehicles
bubbles
plasma **bubbles**
Buccaneer aircraft
bucket brigade devices
buckets
buckeye aircraft
use T-2 aircraft
buckling
creep **buckling**
elastic **buckling**
Euler **buckling**
thermal **buckling**
buckminsterfullerene
atmospheric heat **budget**
Earth radiation **budget**
heat **budget**
Earth Energy **Budget** Experiment
use LZEEBE satellite
Earth radiation **budget** experiment
Zonal Earth Energy **Budget** Experiment
use LZEEBE satellite
budgeting
budgets
energy **budgets**
federal **budgets**
Buffalo aircraft
use DHC 5 aircraft
buffer storage
buffers
buffers (chemistry)
buffeting
building materials
use construction materials
building structures
use buildings
buildings
space cooling **(buildings)**
space heating **(buildings)**
bulbs
light **bulbs**
use luminaires
Bulgaria
galactic **bulge**
central **bulge** (galaxies)
use galactic bulge
nuclear **bulge** (galaxies)
use galactic bulge
bulging
bulk acoustic wave devices
bulk modulus
bulkheads
computer **bulletin** boards
use electronic bulletin boards
electronic **bulletin** boards
Bullpup missiles
Bumblebee project
bumpers
bumpy toruses
Buna (trademark)
bunching
electron **bunching**
His **bundle**
bundle drawing
bundles
bunkers (fuel)
buoyancy
neutral **buoyancy** simulation
buoys
Buran space shuttle
bureaus (organizations)
burettes
Burger equation
Burkina
Burma
burn–in
burners
Burnett equations
burning
use combustion
erosive **burning**
hole **burning**
burning process
use combustion
burning rate
burning time
burnout
burns (injuries)
burnthrough (failure)
nuclear fuel **burnup**
burst tests
bursts
cosmic gamma ray **bursts**
use gamma ray bursts
gamma ray **bursts**
meteor **bursts**
use meteoroid showers
radio **bursts**
solar radio **bursts**
type 2 **bursts**
type 3 **bursts**
type 4 **bursts**
type 5 **bursts**
bursts (communication)
use packets (communication)
Burundi

Pioneer Venus 2 transporter **bus**
bus conductors
Newton- **Busemann** law
space **buses**
use ferry spacecraft
bushings
business management
use industrial management
Common **Business** Oriented Language
use Cobol
data **busses**
use channels (data transmission)
butadiene
butanes
butenes
butt joints
butterfly valves
buttes
buttons
butylene
use butenes
butylene oxides
use tetrahydrofuran
butyric acid
aerodynamic **buzz**
use flutter
bypass ratio
bypasses

C

Anik **C**
use Anik 3
Atmosphere Explorer **C**
use Explorer 51 satellite
BE **C**
use Explorer 27 satellite
Beacon Explorer **C**
use Explorer 27 satellite
ComStar **C**
Earth Resources Technology Satellite **C**
use Landsat 3
Energetic Particle Explorer **C**
use Explorer 15 satellite
EPE- **C**
ERTS- **C**
HEAO **C**
use HEAO 3
High Energy Astronomy Observatory **C**
use HEAO 3
IMP- **C**
loran **C**
Lunar Orbiter **C**
use Lunar Orbiter 3
OAO- **C**
OGO- **C**
OSO- **C**
SIR- **C**
Space Shuttle mission 31- **C**
Space Shuttle mission 41- **C**
Space Shuttle mission 51- **C**
Space Shuttle mission 61- **C**
Telesat Canada **C**
use Anik 3
vitamin **C**
use ascorbic acid
C–1A aircraft
C–2 aircraft
C–5 aircraft
Lockheed **C–5** aircraft
C–8A augmentor wing aircraft
C–9 aircraft
C–15 aircraft
C–17 aircraft
C–33 aircraft
Beech **C–33** aircraft
C–35 aircraft
C–46 aircraft
Curtiss **C–46** aircraft
C–47 aircraft
C–54 aircraft
C–118 aircraft
C–119 aircraft
C–121 aircraft
C–123 aircraft
C–124 aircraft
C–130 aircraft
C–131 aircraft
C–133 aircraft
C–135 aircraft
C–140 aircraft
C–141 aircraft
C–142 aircraft
C–160 aircraft
Transall **C–160** aircraft
C band
C–M diagram
Short Belfast **C** MK-1 aircraft
use SC-5 aircraft
C (programming language)
Tory 2- **C** reactor
Agena **C** rocket vehicle
Jupiter **C** rocket vehicle
AE- **C** satellite
EXOS- **C** satellite
GEOS- **C** satellite
Mariner **C** spacecraft
C stars
use carbon stars
C++ (programming language)
Coachella Valley **(CA)**
coastal ranges **(CA)**
Death Valley **(CA)**
Feather River Basin **(CA)**
Imperial Valley **(CA)**
Mojave Desert **(CA)**
Monterey Bay **(CA)**
Palo Verde Valley **(CA)**
Peninsular Ranges **(CA)**
Sacramento Valley **(CA)**
Salton Sea **(CA)**
San Francisco **(CA)**
San Francisco Bay **(CA)**
San Joaquin Valley **(CA)**
San Pablo Bay **(CA)**
Sierra Nevada Mountains **(CA)**
Bi-Sr- **Ca**–Cu-O superconductors
Lake Tahoe **(CA** -NV)
Cascade Range **(CA** -OR-WA)
cabin atmospheres
spacecraft **cabin** atmospheres
spacecraft **cabin** simulators
cabins

aircraft **cabins**
use aircraft compartments
pressure **cabins**
use pressurized cabins
pressurized **cabins**
spacecraft **cabins**
cable force recorders
cable television
cables
coaxial **cables**
communication **cables**
submarine **cables**
cables (ropes)
CAD (design)
use computer aided design
cadastral mapping
cadmium
cadmium 114
use cadmium isotopes
cadmium alloys
cadmium antimonides
nickel **cadmium** batteries
silver **cadmium** batteries
cadmium chlorides
cadmium compounds
cadmium fluorides
cadmium isotopes
cadmium mercury tellurides
use mercury cadmium tellurides
cadmium nickel batteries
use nickel cadmium batteries
cadmium selenides
cadmium silver batteries
use silver cadmium batteries
cadmium sulfides
cadmium tellurides
mercury **cadmium** tellurides
caffeine
CAI
use computer assisted instruction
caissons
Cajun rocket vehicle
Nike- **Cajun** rocket vehicle
ORBIS **CAL** satellite
calciferol
calcification
calcination
use roasting
calcite
calcium
calcium 45
use calcium isotopes
calcium carbonates
calcium chlorides
calcium compounds
calcium fluorides
calcium isotopes
calcium metabolism
calcium oxides
calcium phosphates
calcium silicates
calcium sulfides
calcium tungstates
calcium vanadates
calculation
use computation
matrix stress **calculation**
use matrix methods
orbit **calculation**
satellite orbit **calculation**
use orbit calculation
stress **calculations**
use stress analysis
calculators
calculi
dental **calculi**
renal **calculi**
use calculi
calculus
derivation **calculus**
use differential calculus
differential **calculus**
Graeff **calculus**
integral **calculus**
operational **calculus**
predicate **calculus**
Stokes theorem (vector **calculus)**
vector **calculus**
use vector spaces
calculus of variations
calderas
calendars
crop **calendars**
calibrating
self **calibrating** omnirange
wind tunnel **calibration**
Solar Cell **Calibration** Facility
California
Baja **California**
use Lower California (Mexico)
Southern **California**
Gulf of **California** (Mexico)
Lower **California** (Mexico)
californium
californium 252
use californium isotopes
californium compounds
californium isotopes
Callisto
calmodulin
caloric requirements
caloric stimuli
calorimeters
bomb **calorimeters**
drop **calorimeters**
flame **calorimeters**
calorimetry
use heat measurement
calutrons
use cyclotrons
calves
Calypso
CAM (manufacturing)
use computer aided manufacturing
camber
conical **camber**
wing **camber**
cambered wings
Cambodia
Cambrian Period
Camel aircraft
use TU-104 aircraft
Baker-Nunn **camera**
Delft **camera**
faint object **camera**
camera shutters
Advanced Vidicon **Camera** System (AVCS)
camera tubes

cameras
ballistic **cameras**
CCD **cameras**
diffraction limited **cameras**
framing **cameras**
high speed **cameras**
I2S **cameras**
Lallemand **cameras**
multispectral band **cameras**
panoramic **cameras**
pinhole **cameras**
Schmidt **cameras**
streak **cameras**
television **cameras**
Cameroon
camouflage
Campbell-Hausdorff series
camphor
cams
sortie **can**
use sortie systems
Canada
Hudson Bay **(Canada)**
Telesat **Canada** 3
use Anik 3
Telesat **Canada** A
use Anik 1
Telesat **Canada** B
use Anik 2
Telesat **Canada** C
use Anik 3
Canadair aircraft
Canadair CF-104 aircraft
use Canadair aircraft
F-104 aircraft
Canadair CL-41 aircraft
use CL-41 aircraft
Canadair CL-44 aircraft
use CL-44 aircraft
Canadair CL-84 aircraft
use CL-84 aircraft
Canadian Shield
Canadian space program
Canadian spacecraft
Panama **Canal** Zone
canals
semicircular **canals**
canard configurations
Canary Islands
Canberra aircraft
Canberra bomber
use B-57 aircraft
cancellation
cancellation circuits
cancer
sugar **cane**
canisters
use cans
canning
Cannonball 2 satellite
cannons
use guns (ordnance)
cannulas
canonical forms
canopies
canopies (vegetation)
cans

cant
use slopes
cantilever beams
cantilever members
cantilever plates
cantilever wings
use wings
Grand **Canyon** (AZ)
canyons
polar **cap** absorption
cap clouds
ceiling (aircraft **capability)**
capacitance
capacitance switches
capacitance-voltage characteristics
capacitive fuel gages
capacitors
capacity
channel **capacity**
heat **capacity**
use specific heat
load carrying **capacity**
work **capacity**
Heat **Capacity** Mapping Mission
Cape Hatteras (NC)
Cape Kennedy launch complex
Cape Verde
capes (landforms)
capillaries
capillaries (anatomy)
capillary circulation
use capillary flow
capillary flow
capillary tubes
capillary waves
caps
nose **caps**
use nose cones
polar **caps**
spherical **caps**
caps (explosives)
DRC **(capsule)**
capsules
Discoverer recovery **capsules**
escape **capsules**
fuel **capsules**
space **capsules**
capsules (spacecraft)
use space capsules
captive tests
asteroid **capture**
electron **capture**
nuclear **capture**
satellite **capture**
use spacecraft recovery
capture cross sections
use absorption cross sections
capture effect
captured air bubble vehicles
Caravelle aircraft
use SE-210 aircraft
Carbamates (tradename)
carbamides
carbazoles
carbenes
carbides
aluminum **carbides**
boron **carbides**
chromium **carbides**

hafnium **carbides**
molybdenum **carbides**
niobium **carbides**
plutonium **carbides**
use plutonium compounds
silicon **carbides**
tantalum **carbides**
titanium **carbides**
tungsten **carbides**
uranium **carbides**
vanadium **carbides**
zirconium **carbides**
carbohydrate metabolism
carbohydrates
carbon
activated **carbon**
glassy **carbon**
carbon 12
carbon 13
carbon 14
carbon arcs
carbon- **carbon** composites
carbon compounds
carbon cycle
carbon dioxide
carbon dioxide concentration
carbon dioxide lasers
carbon dioxide removal
carbon dioxide tension
carbon disulfide
carbon fiber reinforced plastics
carbon fibers
carbon isotopes
carbon lasers
carbon monoxide
carbon monoxide lasers
carbon monoxide poisoning
carbon-phenolic composites
carbon stars
carbon steels
low **carbon** steels
carbon suboxides
carbon tetrachloride
carbon tetrachloride poisoning
carbon tetrafluoride
carbonaceous chondrites
carbonaceous materials
carbonaceous meteorites
carbonaceous rocks
molten **carbonate** fuel cells
carbonates
calcium **carbonates**
sodium **carbonates**
carbonic acid
carbonic anhydrase
carbonization
carbonyl compounds
carborane
Carborundum (trademark)
carboxyhemoglobin
carboxyhemoglobin test
carboxyl group
carboxylates
carboxylation
carboxylic acids
carburetors
injection **carburetors**
use carburetors
fuel injection
carburizing
carcinogens
carcinoma
use cancer
carcinotrons
cardiac auricles
cardiac output
artificial **cardiac** pacemaker
cardiac ventricles
cardiograms
cardiography
cardiology
cardiotachometers
pulse **(cardiovascular)**
cardiovascular system
cards
punched **cards**
caret wings
CARETS (test site)
use Central Atlantic Regional Ecol
Test Site
cargo
air **cargo**
cargo aircraft
cargo ships
LOTS **cargo** ships
use cargo ships
cargo spacecraft
Cargomaster aircraft
use C-133 aircraft
Caribbean region
Caribbean Sea
Caribou aircraft
use DHC 4 aircraft
caribous
Monte **Carlo** method
Carme
carnitine
Carnot cycle
North **Carolina**
South **Carolina**
carotene
carotid sinus body
carotid sinus reflex
Carpathian Mountains (Europe)
carriages
European Retrievable **Carrier**
use Eureca (ESA)
logistics over the shore (LOTS) **carrier**
carrier density (solid state)
carrier frequencies
carrier injection
carrier lifetime
carrier mobility
carrier modulation
use modulation
Echo 1 **carrier** rocket
use Thor Delta launch vehicle
carrier rockets
use launch vehicles
carrier systems
use wireless communication
carrier to noise ratios
single channel per **carrier** transmission
carrier transport (solid state)
carrier waves

carriers
aircraft **carriers**
charge **carriers**
majority **carriers**
minority **carriers**
Carrington rotation
use solar rotation
load **carrying** capacity
Cartan space
Cartesian coordinates
cartilage
cartography
use mapping
cartridge actuated devices
use actuators
explosive devices
cartridges
carts
cascade control
cascade flow
Cascade Range (CA-OR-WA)
cascade wind tunnels
cascades
electron photon **cascades**
cascades (fluid dynamics)
use fluid dynamics
cascode MOSFET
use field effect transistors
case bonded propellants
case histories
missile **cases**
use missile bodies
missile engine **cases**
use rocket engine cases
rocket engine **cases**
rocket motor **cases**
use rocket engine cases
cases (containers)
casing
casks
use barrels (containers)
Caspian Sea
Cassegrain antennas
Cassegrain optics
Cassini mission
Cassiopeia A
Cassiopeia constellation
cast alloys
Castigliano variational theorem
casting
centrifugal **casting**
investment **casting**
propellant **casting**
ray **casting**
use ray tracing
sand **casting**
slip **casting**
squeeze **casting**
casting solvents
use plasticizers
castings
Castor 2 engine
use TX-354 engine
castor oil
casts
casualties
CAT scanner
use computer aided tomography
catabolism

cataclysmic variables
catalase
catalogs
astronomical **catalogs**
star **catalogs**
use astronomical catalogs
catalogs (publications)
catalysis
Ziegler **catalyst**
catalysts
fuel cell **catalysts**
use electrocatalysts
catalytic activity
catapults
rocket **catapults**
cataracts
catastrophe theory
catchers
catchment areas
use watersheds
catecholamine
categories
catenaries
catheterization
cathetometers
cathode glow
cathode ray tubes
cold **cathode** tubes
cathodes
cell **cathodes**
cold **cathodes**
hollow **cathodes**
hot **cathodes**
photoelectric **cathodes**
use photocathodes
thermionic **cathodes**
tube **cathodes**
tunnel **cathodes**
cathodic coatings
cathodoluminescence
catholytes
cations
cats
CATT devices
cattle
CATV
use cable television
Magdalena- **Cauca** Valley (Colombia)
Caucasus Mountains (U.S.S.R.)
Euler- **Cauchy** equations
Cauchy integral formula
Cauchy problem
Cauchy-Riemann equations
caulking
retirement for **cause**
causes
caustic lines
caustics
use alkalies
caustics (optics)
caves
cavitation
use cavitation flow
gaseous **cavitation**
use cavitation flow
gas flow
cavitation corrosion
cavitation flow
cavities

laser **cavities**
resonant **cavities**
use cavity resonators
cavitons
intracranial **cavity**
cavity flow
cavity resonators
superconducting **cavity** resonators
cavity vapor generators
cays
use keys (islands)
CC-106 aircraft
CCD
use charge coupled devices
CCD cameras
CCD star tracker
CD-ROM
CDC 160-A computer
CDC 1604 computer
CDC 3100 computer
CDC 3200 computer
CDC 3600 computer
CDC 3800 computer
CDC 6000 series computers
CDC 6400 computer
CDC 6600 computer
CDC 6700 computer
CDC 7000 series computers
CDC 7600 computer
CDC 8090 computer
CDC computers
CDC Cyber 74 computer
CDC Cyber 170 series computers
CDC Cyber 174 computer
CDC Cyber 175 computer
CDC Cyber 203 computer
CDC Cyber 205 computer
CDC Star 100 computer
CDMA
use code division multiple access
Cedar Rapids (IA)
CEFOAM checkout equipment
ceiling (aircraft capability)
ceilings
ceilings (architecture)
ceilings (meteorology)
ceilometers
use cloud height indicators
celescopes
celestial bodies
celestial geodesy
celestial mechanics
orbital resonances (**celestial** mechanics)
celestial navigation
celestial observation
use astronomy
celestial reference systems
celestial sphere
resolution **cell**
cell anodes
Solar **Cell** Calibration Facility
fuel **cell** catalysts
use electrocatalysts
cell cathodes
cell division
cell membranes (biology)
fuel **cell** power plants
particle in **cell** technique

vortex in **cell** technique
cellophane
cells
Benard **cells**
biochemical fuel **cells**
biological **cells**
use cells (biology)
blood **cells**
Bragg **cells**
convection **cells**
dry **cells**
electric **cells**
electrochemical **cells**
electrolytic **cells**
fission electric **cells**
fuel **cells**
galvanic **cells**
use electrolytic cells
geophysical fluid flow **cells**
Golay detector **cells**
hexagonal **cells**
hydrogen air fuel **cells**
use hydrogen oxygen fuel cells
hydrogen oxygen fuel **cells**
Kerr **cells**
Knudsen **cells**
use Knudsen gages
magnesium **cells**
molten carbonate fuel **cells**
phosphoric acid fuel **cells**
photoconductive **cells**
photoelectric **cells**
photovoltaic **cells**
red blood **cells**
use erythrocytes
Redox **cells**
regenerative fuel **cells**
silicon solar **cells**
use solar cells
solar **cells**
solid oxide fuel **cells**
vertical junction solar **cells**
wet **cells**
white blood **cells**
use leukocytes
wraparound contact solar **cells**
use solar cells
cells (biology)
cellular materials (non biological)
use foams
cellulose
cellulose nitrate
cementation
cementite
cements
CEMS system
use Central Electronic Management System
Cenozoic Era
censored data (mathematics)
census
Centaur launch vehicle
Atlas **Centaur** launch vehicle
Titan **Centaur** launch vehicle
Centaur project
Centaur vehicle
use Centaur launch vehicle
Centaurus constellation

aerodynamic **center**
use aerodynamic balance
IMCC (control **center)**
integrated mission control **center**
Space Operations **Center** (NASA)
center of gravity
center of mass
center of pressure
centerbodies
body **centered** cubic lattices
face **centered** cubic lattices
centers
color **centers**
F **centers**
use color centers
world data **centers**
centimeter waves
Central African Republic
Central America
Central Atlantic Region (US)
Central Atlantic Regional Ecol Test Site
central bulge (galaxies)
use galactic bulge
Central Electronic Management System
Central Europe
central nervous system
central nervous system depressants
central nervous system stimulants
Central Piedmont (US)
central processing units
centrifugal casting
centrifugal compressors
centrifugal force
centrifugal pumps
centrifuges
human **centrifuges**
piloted **centrifuges**
use human centrifuges
centrifuging
centrifuging stress
centripetal force
centroids
Centurion aircraft
use Cessna 210 aircraft
cephalagia
use headache
cephalopods
cepheid variables
Cepheus constellation
cepstra
cepstral analysis
ceramal protective coatings
use cermets
protective coatings
ceramals
use cermets
ceramic bonding
ceramic coatings
ceramic fibers
ceramic honeycombs
ceramic matrix composites
ceramic-metal composites
ceramic nuclear fuels
ceramics
piezoelectric **ceramics**
cerebellum
cerebral cortex
cerebral vascular accidents
cerebral ventricles
cerebrospinal fluid
cerebrum
Cerenkov counters
Cerenkov effect
use Cerenkov radiation
Cerenkov radiation
Ceres asteroid
ceresin
cerium
cerium 137
cerium 144
cerium compounds
cerium isotopes
cerium oxides
cermets
certification
cesium
cesium 133
cesium 134
cesium 137
cesium 144
cesium alloys
cesium antimonides
cesium bromides
cesium compounds
cesium diodes
cesium engines
cesium fluorides
cesium halides
cesium hydrides
cesium iodides
cesium ions
cesium isotopes
cesium oxides
cesium plasma
cesium vapor
Cessna 172 aircraft
Cessna 205 aircraft
Cessna 210 aircraft
Cessna 402B aircraft
Cessna aircraft
Cessna L-19 aircraft
cetane
Mira **Ceti star**
use Omicron Ceti star
Omicron **Ceti star**
UV **Ceti stars**
use flare stars
cetyl compounds
Ceylon
use Sri Lanka
CF-104 aircraft
Canadair **CF-104** aircraft
CF-700 engine
CFCs
use chlorofluorocarbons
CFD
use charge flow devices
CFRP
use carbon fiber reinforced plastics
CH-3 helicopter
CH-21 helicopter
CH-34 helicopter
CH-46 helicopter
CH-47 helicopter
CH-53 helicopter
CH-54 helicopter

CH-62 helicopter
CH-113 helicopter
CH (methylidyne)
use methylidyne
Chad
chaff
food **chain**
chains
Markov **chains**
molecular **chains**
Barany **chair**
chairs
use seats
chalcogenides
chalk
CL-600 **challenger** aircraft
Challenger (Orbiter)
thrust **chamber** pressure
chambers
anechoic **chambers**
arc **chambers**
bubble **chambers**
cloud **chambers**
combustion **chambers**
cylindrical **chambers**
environmental **chambers**
use test chambers
flow **chambers**
growth **chambers**
use phytotrons
hyperbaric **chambers**
ion **chambers**
use ionization chambers
ionization **chambers**
low pressure **chambers**
use vacuum chambers
magazines (supply **chambers)**
plenum **chambers**
pressure **chambers**
reverberation **chambers**
rocket **chambers**
use thrust chambers
spark **chambers**
test **chambers**
thrust **chambers**
vacuum **chambers**
Lake **Champlain** Basin (NY-VT)
Chance-Vought aircraft
Chandler motion
use polar wandering (geology)
Chandler wobble
Chandrasekhar equation
climate **change**
change detection
phase **change** materials
English **Channel**
channel capacity
channel flow
open **channel** flow
channel multipliers
channel noise
single **channel** per carrier transmission
channel wings
channels
channels (data transmission)
channeltrons
use channel multipliers
chaos
chaotic cloud patterns
use clouds (meteorology)
chaparral
Chaparral missile
Chaplygin equation
Chapman-Enskog theory
Chapman-Ferraro problem
Chapman-Jouget flame
Chapman shear layer
use shear layers
Enskog- **Chapman** theory
character recognition
Segre **characteristic**
characteristic equations
use eigenvalues
eigenvectors
characteristic functions
use eigenvalues
eigenvectors
characteristic method
use method of characteristics
characteristics
aerodynamic **characteristics**
airfoil **characteristics**
use airfoils
capacitance-voltage **characteristics**
dynamic **characteristics**
flight **characteristics**
flow **characteristics**
method of **characteristics**
nanostructure **(characteristics)**
polarization **characteristics**
spray **characteristics**
static **characteristics**
static aerodynamic **characteristics**
volt-ampere **characteristics**
characterization
characters
use symbols
alphanumeric **characters**
charcoal
electric **charge**
electrostatic **charge**
ion **charge**
scalar magnetic **charge**
use magnetic charge density
space **charge**
traveling **charge**
charge carriers
charge coupled devices
magnetic **charge** density
charge distribution
charge efficiency
charge exchange
resonance **charge** exchange
charge flow devices
charge injection devices
charge separation
use polarization (charge separation)
polarization **(charge** separation)
charge transfer
charge transfer devices
organic **charge** transfer salts
charged particles
battery **chargers**
shaped **charges**
charging
particle **charging**
pulse **charging**

spacecraft **charging**
Spacecraft **Charging** at High Altitude
use SCATHA satellite
charm (particle physics)
Charon
Charpy impact test
charring
Smith **chart**
charts
flow **charts**
graphs **(charts)**
meteorological **charts**
nautical **charts**
polarization **charts**
use graphs (charts)
polarization (waves)
weather **charts**
use meteorological charts
chassignites
chassis
Portevin-le **Chatelier** effect
Bose- **Chaudhuri**-Hocquenghem codes
Chebyshev approximation
checkout
checkout equipment
use test equipment
CEFOAM **checkout** equipment
space vehicle **checkout** program
chelate compounds
use chelates
chelates
chelation
bases **(chemical)**
chemical analysis
chemical attack
chemical auxiliary power units
chemical bonds
chemical cleaning
chemical clouds
chemical compatibility
chemical composition
chemical compounds
chemical defense
chemical effects
chemical elements
chemical energy
chemical engineering
cracking **(chemical** engineering)
chemical equilibrium
chemical evolution
chemical explosions
chemical extinguishers
use fire extinguishers
chemical fractionation
chemical fuels
chemical indicators
chemical kinetics
use reaction kinetics
chemical lasers
chemical machining
chemical milling
use chemical machining
chemical oxygen-iodine lasers
chemical properties
chemical propulsion
chemical reaction control
chemical reactions
chemical reactors
chemical relaxation
use molecular relaxation
chemical release modules
chemical shift
use chemical equilibrium
chemical sterilization
chemical tests
chemical vapor deposition
use vapor deposition
metal organic **chemical** vapor deposition
metalorganic **chemical** vapor deposition
chemical vapor infiltration
chemical warfare
chemically reacting flow
use reacting flow
chemicals
chemiluminescence
chemisorption
chemistry
analytical **chemistry**
atmospheric **chemistry**
buffers **(chemistry)**
combustion **chemistry**
computational **chemistry**
environmental **chemistry**
inorganic **chemistry**
interstellar **chemistry**
marine **chemistry**
nuclear **chemistry**
organic **chemistry**
physical **chemistry**
plasma **chemistry**
polymer **chemistry**
precipitation **(chemistry)**
propellant **chemistry**
quantum **chemistry**
radiation **chemistry**
reactor **chemistry**
use radiochemistry
reduction **(chemistry)**
saturation **(chemistry)**
synthesis **(chemistry)**
unsaturation **(chemistry)**
Physics and **Chemistry** Experiment in Space
chemonuclear propulsion
use chemical propulsion
nuclear propulsion
chemoreceptors
chemosphere
chemotherapy
Chena River Basin (AK)
Chesapeake Bay (US)
chest
chewing
use mastication
chiasma
chickens
child device
Child-Langmuir law
children
Chile
chilling
use cooling
heat dissipation **chilling**
use cooling
chimes
use auditory signals
chimneys
chimpanzees

chin
China
Republic of **China**
use Taiwan
China (communist) mainland
use China
Chinese aircraft
Chinese Peoples Republic
use China
Chinese space program
Chinese spacecraft
chinone
use quinones
Chinook helicopter
use CH-47 helicopter
chipping
chips
chips (electronics)
chips (memory devices)
chiral dynamics
chirality
Chiron
chironomus flies
chirp
chirp signals
chitin
chloral
chlorates
Chlorella
methyl **chloride**
polyvinyl **chloride**
hydrogen **chloride** lasers
use HCL lasers
xenon **chloride** lasers
chlorides
aluminum **chlorides**
ammonium **chlorides**
beryllium **chlorides**
boron **chlorides**
cadmium **chlorides**
calcium **chlorides**
copper **chlorides**
germanium **chlorides**
hydrogen **chlorides**
iron **chlorides**
lanthanum **chlorides**
lead **chlorides**
lithium **chlorides**
magnesium **chlorides**
nitrosyl **chlorides**
nitryl **chlorides**
potassium **chlorides**
silver **chlorides**
sodium **chlorides**
sulfur **chlorides**
titanium **chlorides**
tungsten **chlorides**
zinc **chlorides**
chlorination
chlorine
zinc- **chlorine** batteries
chlorine compounds
chlorine fluorides
chlorine oxides
chloroaromatics
chlorobenzenes
chlorocarbons
sodium **chlorodifluoroacetates**
chloroethylene

chlorofluorocarbons
chlorofluoromethane
chloroform
chloroformate
chlorophylls
chloroplasts
chloroprene resins
chlorosilanes
methyl **chlorosilanes**
chlorpromazine
Choctaw helicopter
use CH-34 helicopter
choice
use selection
choked flow
chokes
chokes (fuel systems)
chokes (restrictions)
cholera
Cholesky factorization
cholesterol
choline
cholinergic blocking agents
use anticholinergics
cholinergics
cholinesterase
Hvittis **chondrite**
chondrites
carbonaceous **chondrites**
Pantar **chondrites**
chondrule
electric **choppers**
choppers (electric)
use electric choppers
aerodynamic **chords**
use airfoil profiles
chords (geometry)
chords (geometry)
choroid membranes
dawn **chorus**
chorus (dawn phenomenon)
use dawn chorus
chorus phenomenon
use dawn chorus
Schwarz- **Christoffel** transformation
chromates
potassium **chromates**
chromatography
gas **chromatography**
gel permeation **chromatography**
use liquid chromatography
liquid **chromatography**
paper **chromatography**
plasma **chromatography**
use ion mobility spectroscopy
thin layer **chromatography**
chrome
use chromium
chromic acid
chromites
sodium **chromites**
chromium
chromium alloys
chromium borides
chromium bromides
chromium carbides
chromium compounds
chromium fluorides
chromium isotopes

chromium oxides
chromium steels
quantum **chromodynamics**
chromophores
chromosomes
chromosphere
chronaxy
chronic conditions
chronobiology
use rhythm (biology)
chronographs
use chronometers
chronology
chronometers
chronophotography
chronotrons
use pulse rate
time lag
chugging
use combustion stability
Chukchi Sea
chutes
drag **chutes**
CID
use charge injection devices
cinder cones
use cones (volcanoes)
cinefluorography
use motion pictures
radiography
cinematography
lunar **cinematography**
use lunar photography
cineradiography
use motion pictures
radiography
cinespectrographs
cinetheodolites
circadian rhythms
minor **circle** turning flight
great **circles**
Mohr **circles**
use fracture mechanics
Rowland **circles**
circles (geometry)
sneak **circuit** analysis
circuit boards
circuit breakers
short **circuit** currents
circuit diagrams
circuit protection
circuit reliability
closed **circuit** television
open **circuit** voltage
circuits
adders **(circuits)**
adding **circuits**
analog **circuits**
application specific integrated **circuits**
bistable **circuits**
cancellation **circuits**
circulators (phase shift **circuits)**
clamping **circuits**
clipper **circuits**
coincidence **circuits**
comparator **circuits**
conjugated **circuits**
counting **circuits**
coupling **circuits**
custom integrated **circuits**
use application specific integrated circuits
delay **circuits**
digital **circuits**
use digital electronics
Diode-Transistor-Logic integ **circuits**
use DTL integrated circuits
DTL integrated **circuits**
electric **circuits**
use circuits
equalizers **(circuits)**
equivalent **circuits**
exploding conductor **circuits**
use circuits
exploding wires
feedback **circuits**
fire control **circuits**
fluidic **circuits**
gates **(circuits)**
hybrid **circuits**
integrated **circuits**
LC **circuits**
limiter **circuits**
linear **circuits**
linear integrated **circuits**
logic **circuits**
LR **circuits**
use RL circuits
LRC **circuits**
use RLC circuits
magnetic **circuits**
matrices **(circuits)**
microwave **circuits**
mixing **circuits**
monolithic **circuits**
use integrated circuits
negative resistance **circuits**
phase shift **circuits**
pneumatic **circuits**
power supply **circuits**
printed **circuits**
RC **circuits**
RL **circuits**
RLC **circuits**
short **circuits**
squelch **circuits**
sweep **circuits**
switching **circuits**
transistor **circuits**
transistor-transistor-logic integ **circuits**
use TTL integrated circuits
transmission **circuits**
trigger **circuits**
TTL integrated **circuits**
varactor diode **circuits**
very high speed integrated **circuits**
use VHSIC (circuits)
VHSIC **(circuits)**
wire bridge **circuits**
circular cones
circular cylinders
circular orbits
circular plates
circular polarization
circular shells
circular tubes
circular waveguides
circulation

atmospheric **circulation**
blood **circulation**
brain **circulation**
capillary **circulation**
use capillary flow
coronary **circulation**
intercranial **circulation**
ocular **circulation**
peripheral **circulation**
pulmonary **circulation**
registers (air **circulation)**
water **circulation**
wind **circulation**
use atmospheric circulation
zonal **circulation**
use zonal flow (meteorology)
circulation control airfoils
circulation control rotors
circulation distribution
Atmospheric General **Circulation** Experiment
Atmospheric General **Circulation** Models
circulators (phase shift circuits)
circulatory system
circumferences
circumlunar communication
circumlunar trajectories
circumpolar westerlies
circumsolar radiation
circumsolar telescopes
circumstellar matter
use stellar envelopes
cirques (landforms)
cirrocumulus clouds
cirrostratus clouds
infrared **cirrus** (astronomy)
cirrus clouds
cirrus shields
CIS
use Commonwealth of Independent States
cislunar space
cities
citrates
citric acid
citrus trees
Vatican **City**
St Louis-Kansas **City** Corridor (MO)
New York **City** (NY)
civil aviation
civil defense
CL-41 aircraft
Canadair **CL-41** aircraft
CL-44 aircraft
Canadair **CL-44** aircraft
CL-84 aircraft
Canadair **CL-84** aircraft
CL-595 helicopter
Lockheed **CL-595** helicopter
CL-600 challenger aircraft
CL-823 aircraft
Lockheed **CL-823** aircraft
cladding
claiming
clamping circuits
clamps
clarity
Clark Y airfoil
use airfoil profiles

classes
Classic aircraft
use IL-62 aircraft
classical mechanics
image **classification**
classifications
classifiers
classifying
clathrates
clays
clean energy
clean fuels
clean rooms
cleaners
washers **(cleaners)**
cleaning
chemical **cleaning**
ultrasonic **cleaning**
cleanliness
clear air turbulence
clearances
clearing
clearings (openings)
cleavage
Clebsch-Gordan coefficients
Clementine spacecraft
client server systems
cliffs
climate
climate change
climate models
climatology
FIRE **(climatology)**
International Satellite Cloud **Climatology**
use ISCCP Project
Mars Geoscience **Climatology** Orbiter
use Mars Observer
rate of **climb** indicators
climbing flight
clinical medicine
Delta **Clipper**
clipper circuits
clips
clock paradox
clocks
atomic **clocks**
autonomous spacecraft **clocks**
biological **clocks**
use rhythm (biology)
clogging
use plugging
cloning (biology)
close packed lattices
closed basins
use structural basins
closed circuit television
closed cycles
closed ecological systems
closed faults
use geological faults
closed loop systems
use feedback control
closing
Clostridium
Clostridium botulinum
crack **closure**
closure law
closures

cloth
use fabrics
wire **cloth**
clothing
flight **clothing**
protective **clothing**
vapor barrier **clothing**
clotting
Oort **cloud**
cloud chambers
International Satellite **Cloud** Climatology
use ISCCP Project
cloud cover
cloud dispersal
cloud glaciation
cloud height indicators
chaotic **cloud** patterns
use clouds (meteorology)
cloud photographs
cloud photography
cloud physics
Atmospheric **Cloud** Physics Lab (Spacelab)
cloud seeding
clouds
anvil **clouds**
arc **clouds**
artificial **clouds**
barium ion **clouds**
cap **clouds**
chemical **clouds**
cirrocumulus **clouds**
cirrostratus **clouds**
cirrus **clouds**
convection **clouds**
cumulonimbus **clouds**
cumulus **clouds**
electron **clouds**
exhaust **clouds**
ground **clouds**
use exhaust clouds
hydrogen **clouds**
ice **clouds**
launch **clouds**
use exhaust clouds
Magellanic **clouds**
magnetic **clouds**
meteoroid dust **clouds**
molecular **clouds**
nimbostratus **clouds**
nimbus **clouds**
use nimbostratus clouds
noctilucent **clouds**
Ophiuchi **clouds**
orographic **clouds**
use cap clouds
plasma **clouds**
stratocumulus **clouds**
stratus **clouds**
Venus **clouds**
clouds (meteorology)
clumps
Pleiades **cluster**
Virgo galactic **cluster**
Virgo star **cluster**
use Virgo galactic cluster
cluster analysis
Cluster Mission
cluster variation method
clusters
atomic **clusters**
galactic **clusters**
globular **clusters**
metal **clusters**
molecular **clusters**
open **clusters**
Praesepe star **clusters**
satellite **clusters**
use satellite constellations
star **clusters**
clutches
clutter
radar **clutter** maps
CMOS
CN emission
cnoidal waves
CNSR
use Rosetta mission
Manitou **(CO)**
Pike's Peak **(CO)**
San Juan Mountains **(CO)**
Coachella Valley (CA)
coagulation
blood **coagulation**
coal
hard **coal**
use anthracite
solvent refined **coal**
coal derived gases
coal derived liquids
coal gasification
coal liquefaction
coal utilization
coalescence
use coalescing
coalescing
Coanda effect
coarseness
Ostwald **coarsening**
use Ostwald ripening
Ivory **Coast**
use Cote d'Ivoire
coastal currents
coastal dunes
use dunes
coastal ecology
coastal marshlands
use marshlands
coastal plains
coastal ranges (CA)
coastal water
Coastal Zone Color Scanner
coasting flight
coasts
coating
coatings
aluminum **coatings**
anodic **coatings**
antiradar **coatings**
antireflection **coatings**
birefringent **coatings**
cathodic **coatings**
ceramal protective **coatings**
use cermets
protective coatings
ceramic **coatings**
glass **coatings**
gold **coatings**
inorganic **coatings**

metal **coatings**
nickel **coatings**
plastic **coatings**
primers **(coatings)**
protective **coatings**
refractory **coatings**
rubber **coatings**
solar selective **coatings**
use selective surfaces
sprayed **coatings**
sprayed protective **coatings**
use protective coatings
sprayed coatings
thermal control **coatings**
zinc **coatings**
coaxial cables
coaxial flow
coaxial nozzles
coaxial plasma accelerators
coaxial transmission
use coaxial cables
transmission
flat **coaxial** transmission lines
use microstrip transmission lines
cobalt
cobalt 58
cobalt 60
cobalt acetates
cobalt alloys
cobalt compounds
cobalt fluorides
cobalt isotopes
cobalt oxalates
cobalt oxides
COBE
use Cosmic Background Explorer satellite
Cobol
Cobra Dane (radar)
Coccomyces
cochlea
Cock aircraft
use AN-22 aircraft
cockpit assistant systems
use pilot support systems
cockpit simulators
cockpit weather information systems
cockpits
cockroaches
cocks
COD aircraft
use C-2 aircraft
COD (cracks)
use crack opening displacement
biternary **code**
genetic **code**
Legendre **code**
use computer programming
neutron scattering
Morse **code**
code division multiple access
code division multiplexing
differential pulse **code** modulation
pulse **code** modulation
coders
codes
BCH **codes**
binary **codes**
Bose-Chaudhuri-Hocquenghem **codes**
use BCH codes
computer **codes**
use computer programs
concatenated **codes**
error correcting **codes**
error detection **codes**
Reed-Solomon **codes**
RS **codes**
use Reed-Solomon codes
coding
color **coding**
trellis **coding**
absorption **coefficient**
use absorptivity
accommodation **coefficient**
coherence **coefficient**
diffusion **coefficient**
discharge **coefficient**
friction **coefficient**
use coefficient of friction
friction loss **coefficient**
use friction factor
Glauert **coefficient**
use aerodynamic forces
Mach number
Hall **coefficient**
use Hall effect
influence **coefficient**
nozzle **coefficient**
use nozzle flow
Onsager phenomenological **coefficient**
Racah **coefficient**
recombination **coefficient**
reflection **coefficient**
use reflectance
Seebeck **coefficient**
use Seebeck effect
SIC **(coefficient)**
Soret **coefficient**
Wigner **coefficient**
coefficient of friction
coefficients
aerodynamic **coefficients**
attenuation **coefficients**
binomial **coefficients**
Clebsch-Gordan **coefficients**
correlation **coefficients**
coupling **coefficients**
drag **coefficients**
flow **coefficients**
heat transfer **coefficients**
hydrodynamic **coefficients**
ionization **coefficients**
lift **coefficients**
use aerodynamic coefficients
lift
nozzle thrust **coefficients**
regression **coefficients**
resistance **coefficients**
use resistance
scattering **coefficients**
structural influence **coefficients**
thermal accommodation **coefficients**
use accommodation coefficient
transport **coefficients**
use transport properties
virial **coefficients**
coenzymes

coercivity
coesite
coffee
Coffin–Manson law
cogeneration
cognition
cognitive psychology
COGO (programming language)
cohenite
coherence
phase **coherence**
coherence coefficient
coherent acoustic radiation
coherent anti-Stokes Raman spectroscopy
use Raman spectroscopy
coherent electromagnetic radiation
coherent light
coherent radar
coherent radiation
coherent scattering
coherent sources
use coherent radiation
radiation sources
two photon **coherent states**
use squeezed states (quantum theory)
coherent transmission
use coherent radiation
cohesion
cohomology
use homology
COIL (lasers)
use chemical oxygen-iodine lasers
coils
electric **coils**
field **coils**
magnet **coils**
magnetic **coils**
COIN aircraft
coincidence circuits
coining
coke
Coke aircraft
use AN-24 aircraft
colchicine
cold acclimatization
cold blooded animals
use poikilothermia
Cold Bokkeveld meteorite
cold cathode tubes
cold cathodes
cold drawing
cold flow tests
cold forming
use cold working
cold fronts
cold gas
cold hardening
cold neutrons
cold plasmas
cold pressing
cold rolling
cold strength
cold surfaces
cold tolerance
cold traps
cold walls
use cold surfaces
walls
cold water
cold weather
cold weather tests
cold welding
cold working
Coleoptera
colic
collagens
collapse
gravitational **collapse**
collating
collection
data **collection** platforms
collectors
use accumulators
dust **collectors**
solar **collectors**
colleges
use universities
superconducting super **collider**
collimation
collimators
collinearity
collision avoidance
Beacon **Collision** Avoidance System
collision parameters
collision rates
collision warning devices
use collision avoidance
warning systems
collisional plasmas
collisionless plasmas
collisions
asteroid **collisions**
atomic **collisions**
bird-aircraft **collisions**
cometary **collisions**
Coulomb **collisions**
elastic **collisions**
use elastic scattering
electron **collisions**
use electron scattering
heavy ion **collisions**
use ionic collisions
inelastic **collisions**
ionic **collisions**
meteorite **collisions**
midair **collisions**
molecular **collisions**
particle **collisions**
collocation
colloidal generators
colloidal propellants
colloiding
colloids
Colombia
Llanos Orientales **(Colombia)**
Magdalena-Cauca Valley **(Colombia)**
colonies
Mars **colonies**
use Mars bases
space **colonies**
color
stellar **color**
water **color**
color centers

color coding
color- **color** diagram
color enhancement
  use color coding
color infrared photography
color-magnitude diagram
color (particle physics)
  use quantum chromodynamics
color perception
  use color vision
color photography
Coastal Zone **Color** Scanner
ocean **color** scanner
color television
color vision
Colorado
Colorado Plateau (US)
Colorado River (North America)
coloration
  use color
colorimetry
cols
  use gaps (geology)
British **Columbia**
District of **Columbia**
Columbia (Orbiter)
Columbia River Basin (ID-OR-WA)
columbium
  use niobium
Columbus space station
vertebral **column**
  use spine
hoop **column** antennas
columns
tapered **columns**
vortex **columns**
  use vortices
columns (process engineering)
columns (supports)
coma
combat
multi-role **combat** aircraft
  use MRCA aircraft
tanks **(combat** vehicles)
combination
combinations (mathematics)
combinatorial analysis
combined cycle power generation
Combined Release and Radiation
    Effects Sat
  use CRRES (satellite)
combined stress
combustibility
  use flammability
combustible flow
combustion
acoustic **combustion**
  use combustion stability
blowoff **(combustion)**
boundary layer **combustion**
fuel **combustion**
heat of **combustion**
hybrid **combustion**
  use hybrid propellant rocket engines
hydrocarbon **combustion**
hypersonic **combustion**
metal **combustion**
propellant **combustion**
solid propellant **combustion**
spontaneous **combustion**
supersonic **combustion**
turbulent **combustion**
combustion chambers
combustion chemistry
combustion control
combustion efficiency
external **combustion** engines
internal **combustion** engines
combustion heat
  use heat of combustion
combustion instability
  use combustion stability
combustion physics
combustion products
supersonic **combustion** ramjet engines
combustion stability
combustion synthesis
combustion temperature
combustion vibration
combustion waves
  use flame propagation
combustion wind tunnels
combustors
  use combustion chambers
dump **combustors**
Arend-Roland **comet**
Austin **comet**
Brorsen-Metcalf **comet**
Encke **comet**
Giacobini-Zinner **comet**
Grigg-Skjellerup **comet**
Halley's **comet**
Humason **comet**
IRAS-Araki-Alcock **comet**
Kohoutek **comet**
Morehouse **comet**
Mrkos **comet**
Okazaki-Levy-Rudenko **comet**
Schwassmann-Wachmann **comet**
Shoemaker-Levy 9 **comet**
Tempel 2 **comet**
West **comet**
Comet 4 aircraft
comet heads
comet nuclei
Comet Rendezvous Asteroid Flyby
    Mission
comet tails
cometary atmospheres
cometary collisions
International **Cometary** Explorer
  use International Sun Earth Explorer
    3
cometary magnetospheres
comets
comfort
thermal **comfort**
command and control
command-control
command guidance
command languages
command modules
Advanced Airborne **Command** Post
  use E-4A aircraft
command service modules
command systems
  use command guidance
digital **command** systems

Commando aircraft
use C-46 aircraft
commands
sudden storm **commencements**
commerce
commerce lab
supersonic **commercial** air transport
commercial aircraft
commercial aviation
use civil aviation
commercial aircraft
commercial energy
Arabian **commercial** satellite
use Arcomsat
commercial spacecraft
commercialization
space **commercialization**
comminution
grinding **(comminution)**
COSPAR **(committee)**
Committee on Space Research
commodities
Common Business Oriented Language
use Cobol
commonality
Commonwealth of Independent States
communicating
communication
aircraft **communication**
ARQ **(communication)**
bursts **(communication)**
circumlunar **communication**
digital **communication**
use pulse communication
electrocutaneous **communication**
extraterrestrial **communication**
facsimile **communication**
ground-air-ground **communication**
interplanetary **communication**
interprocessor **communication**
interstellar **communication**
laser **communication**
use optical communication
light **communication**
use optical communication
line of sight **communication**
lunar **communication**
multichannel **communication**
optical **communication**
packets **(communication)**
point to point **communication**
pulse **communication**
radio **communication**
reentry **communication**
satellite **communication**
scrambling **(communication)**
ship to shore **communication**
space **communication**
spacecraft **communication**
transoceanic **communication**
underground **communication**
underwater **communication**
verbal **communication**
video **communication**
voice **communication**
wideband **communication**
wireless **communication**
communication cables
communication equipment
NASA **Communication** Network
use NASCOM network
communication networks
Maritime **Communication** Satellite (ESA)
use Marots (ESA)
communication satellites
Synchronous **Communication** Satellites
use SYNCOM satellites
Fleet Satellite **Communication** System
communication systems
use telecommunication
mobile **communication** systems
communication theory
statistical **communication** theory
use communication theory
ground effect **(communications)**
transmission rate **(communications)**
transmission speed **(communications)**
Global **Communications** Antenna Grid (navy)
use Seafarer project
European **Communications** Satellite
Synchronous **Communications** Satellite Proj
Defense **Communications** Satellite System
satellite **communications** ships
defense **communications** system (DCS)
domestic satellite **communications** systems
Advanced **Communications** Technology Sat
use ACTS
Communications Technology Satellite
China **(communist)** mainland
communities
commutation
commutators
commuter aircraft
compact disk read-only memory devices
use optical disks
compact galaxies
military **compact** reactors
compacting
data **compaction**
use data compression
compactness
use void ratio
companding
solar **companion** star
use Nemesis (star)
companion stars
comparator circuits
comparators
comparison
compartmentation
use compartments
compartments
aircraft **compartments**
COMPASS (programming language)
compasses
magnetic **compasses**
solar **compasses**
compatibility
chemical **compatibility**
electromagnetic **compatibility**
systems **compatibility**
computer **compatible** tapes
compensation

image motion **compensation**
instrument **compensation**
temperature **compensation**
compensators
compensatory tracking
competition
compilation (computers)
use compilers
compiler programs
use compilers
compilers
complement
complement (biology)
complementary metal oxide semiconductors
use CMOS
complements (mathematics)
completeness
Cape Kennedy launch **complex**
vitamin B **complex**
use biotin
complex compounds
Langley **complex** coordinator
complex numbers
complex systems
complex variables
launch **complexes**
use launching bases
complexity
task **complexity**
compliance (elasticity)
use modulus of elasticity
complication
use complexity
component reliability
components
ALU (computer **components)**
antenna **components**
computer **components**
missile **components**
redundant **components**
spacecraft **components**
principal **components** analysis
heavy water **components** test reactors
composite functions
composite materials
RFI **(composite** materials)
RTM **(composite** materials)
stacking sequence **(composite** materials)
composite propellants
composite structures
composite wrapping
composites
use composite materials
aluminum boron **composites**
aluminum graphite **composites**
aramid fiber **composites**
boron-epoxy **composites**
braided **composites**
carbon-carbon **composites**
carbon-phenolic **composites**
ceramic matrix **composites**
ceramic-metal **composites**
use cermets
epoxy matrix **composites**
eutectic **composites**
fiber **composites**
graphite-epoxy **composites**
graphite-polyimide **composites**
hybrid **composites**
metal matrix **composites**
particulate reinforced **composites**
polymer matrix **composites**
resin matrix **composites**
three dimensional **composites**
whisker **composites**
woven **composites**
composition
atmospheric **composition**
chemical **composition**
concentration **(composition)**
gas **composition**
ionospheric **composition**
lunar **composition**
meteoritic **composition**
planetary **composition**
plasma **composition**
stellar **composition**
body **composition** (biology)
Lower Atmospheric **Composition** Experiment
use LACATE (experiment)
composition (property)
composting
compound A
compound helicopters
compounding
compounds
acetyl **compounds**
actinide series **compounds**
aliphatic **compounds**
alkali metal **compounds**
alkaline earth **compounds**
alkyl **compounds**
allyl **compounds**
aluminum **compounds**
ammonium **compounds**
antimony **compounds**
aromatic **compounds**
arsenic **compounds**
aryl **compounds**
use aromatic compounds
azo **compounds**
barium **compounds**
beryllium **compounds**
bismuth **compounds**
boron **compounds**
bromine **compounds**
cadmium **compounds**
calcium **compounds**
californium **compounds**
carbon **compounds**
carbonyl **compounds**
cerium **compounds**
cesium **compounds**
cetyl **compounds**
chelate **compounds**
use chelates
chemical **compounds**
chlorine **compounds**
chromium **compounds**
cobalt **compounds**
complex **compounds**
copper **compounds**
curium **compounds**
cyano **compounds**
cyclic **compounds**
deuterium **compounds**
diallyl **compounds**

dibasic **compounds**
dibutyl **compounds**
diethyl **compounds**
difluoro **compounds**
dimethyl **compounds**
diphenyl **compounds**
dysprosium **compounds**
einsteinium **compounds**
electron **compounds**
use intermetallics
epoxy **compounds**
erbium **compounds**
ethyl **compounds**
ethylene **compounds**
europium **compounds**
fluorine **compounds**
fluorine organic **compounds**
fluoro **compounds**
gallium **compounds**
germanium **compounds**
Group 1A **compounds**
use **alkali** metal compounds
Group 1B **compounds**
Group 2A **compounds**
use **alkaline** earth compounds
Group 2B **compounds**
Group 3A **compounds**
Group 3B **compounds**
Group 4A **compounds**
Group 4B **compounds**
Group 5A **compounds**
Group 5B **compounds**
Group 6A **compounds**
Group 6B **compounds**
Group 7A **compounds**
use halogen compounds
Group 7B **compounds**
Group 8 **compounds**
hafnium **compounds**
halogen **compounds**
helium **compounds**
heterocyclic **compounds**
hexyl **compounds**
high melting **compounds**
use refractory materials
hydrazinium **compounds**
hydrazonium **compounds**
hydrogen **compounds**
hydroxyl **compounds**
indium **compounds**
inorganic **compounds**
iodine **compounds**
iridium **compounds**
iron **compounds**
isopropyl **compounds**
lanthanum **compounds**
lead **compounds**
lead organic **compounds**
lithium **compounds**
lutetium **compounds**
magnesium **compounds**
manganese **compounds**
mercapto **compounds**
use thiols
mercury **compounds**
metal **compounds**
metallorganic **compounds**
use organometallic compounds
methyl **compounds**

molybdenum **compounds**
neodymium **compounds**
neptunium **compounds**
nickel **compounds**
niobium **compounds**
nitro **compounds**
nitrogen **compounds**
nitronium **compounds**
nitroso **compounds**
organic **compounds**
organic aluminum **compounds**
organic boron **compounds**
organic fluorine **compounds**
use fluorine organic compounds
organic germanium **compounds**
organic lithium **compounds**
organic phosphorus **compounds**
organic silicon **compounds**
organic sulfur **compounds**
organic tin **compounds**
organometallic **compounds**
osmium **compounds**
oxygen **compounds**
palladium **compounds**
perfluoro **compounds**
phosphonium **compounds**
phosphorus **compounds**
platinum **compounds**
plutonium **compounds**
polonium **compounds**
polynuclear organic **compounds**
potassium **compounds**
potting **compounds**
praseodymium **compounds**
propyl **compounds**
protactinium **compounds**
rare earth **compounds**
rare gas **compounds**
rhenium **compounds**
rhodium **compounds**
rubidium **compounds**
ruthenium **compounds**
samarium **compounds**
scandium **compounds**
selenium **compounds**
sheet molding **compounds**
silicon **compounds**
silver **compounds**
sodium **compounds**
strontium **compounds**
sulfur **compounds**
tantalum **compounds**
technetium **compounds**
tellurium **compounds**
terbium **compounds**
thallium **compounds**
thorium **compounds**
thulium **compounds**
tin **compounds**
titanium **compounds**
triethyl **compounds**
trimethyl **compounds**
trinitro **compounds**
tropyl **compounds**
tungsten **compounds**
uranium **compounds**
vanadium **compounds**
vanadyl **compounds**
xenon **compounds**

ytterbium **compounds**
yttrium **compounds**
zinc **compounds**
zirconium **compounds**
compressed air
compressed gas
compressed video
use video compression
compressibility
compressibility effects
compressible boundary layer
compressible flow
compressible fluids
compressing
data **compression**
magnetic **compression**
plasma **compression**
pulse **compression**
speech baseband **compression**
video **compression**
frequency **compression** demodulators
internal **compression** inlets
compression loads
axial **compression** loads
compression ratio
compression testers
use compression tests
compression tests
meteorite **compression** tests
use compression tests
mechanical properties
meteorites
compression waves
compressive strength
compressor blades
compressor efficiency
compressor rotors
compressors
axial **compressors**
use turbocompressors
axial flow **compressors**
use turbocompressors
centrifugal **compressors**
multistage **compressors**
use turbocompressors
supersonic **compressors**
transonic **compressors**
Compton effect
Compton Gamma Ray Observatory
use Gamma Ray Observatory
compulsators
computation
computational aerodynamics
use computational fluid dynamics
computational astrophysics
computational chemistry
computational electromagnetics
computational fluid dynamics
computational geometry
computational grids
CDC 160-A **computer**
CDC 1604 **computer**
CDC 3100 **computer**
CDC 3200 **computer**
CDC 3600 **computer**
CDC 3800 **computer**
CDC 6400 **computer**
CDC 6600 **computer**
CDC 6700 **computer**
CDC 7600 **computer**
CDC 8090 **computer**
CDC Cyber 74 **computer**
CDC Cyber 174 **computer**
CDC Cyber 175 **computer**
CDC Cyber 203 **computer**
CDC Cyber 205 **computer**
CDC Star 100 **computer**
Cyber 74 **computer**
use CDC Cyber 74 computer
DDP 516 **computer**
EAI 680 **computer**
EAI 8400 **computer**
EAI 8900 **computer**
EMR 6050 **computer**
Ferranti Mercury **computer**
GE 625 **computer**
GE 635 **computer**
Honeywell 800/8000 **computer**
Honeywell ADEPT **computer**
Honeywell DDP 116 **computer**
IBM 360 **computer**
IBM 370 **computer**
IBM 650 **computer**
IBM 704 **computer**
IBM 709 **computer**
IBM 1130 **computer**
IBM 1401 **computer**
IBM 1410 **computer**
IBM 1620 **computer**
IBM 2250 **computer**
IBM 7030 **computer**
IBM 7040 **computer**
IBM 7044 **computer**
IBM 7070 **computer**
IBM 7074 **computer**
IBM 7090 **computer**
IBM 7094 **computer**
Illiac 3 **computer**
Illiac 4 **computer**
MINOS **computer**
Modcomp II **computer**
Modcomp IV **computer**
PDP 7 **computer**
PDP 8 **computer**
PDP 9 **computer**
PDP 10 **computer**
PDP 11 **computer**
PDP 12 **computer**
PDP 15 **computer**
PDP 11/20 **computer**
PDP 11/40 **computer**
PDP 11/45 **computer**
PDP 11/50 **computer**
PDP 11/70 **computer**
Pegasus **computer**
Philco 2000 **computer**
RCA spectra 70 **computer**
SDS 930 **computer**
SDS 9300 **computer**
Siemens 2002 **computer**
SIGMA 5 **computer**
SIGMA 9 **computer**
System 10 **computer**
use PDP 10 computer
Univac 80 **computer**
Univac 418 **computer**
Univac 490 **computer**
Univac 494 **computer**

Univac 1105 **computer**
Univac 1106 **computer**
Univac 1107 **computer**
Univac 1108 **computer**
Univac 1110 **computer**
Univac 1230 **computer**
Univac Larc **computer**
VAX-11/780 **computer**
computer aided design
computer aided engineering
use computer aided design
computer aided manufacturing
computer aided mapping
computer aided tomography
computer animation
computer architecture
use architecture (computers)
computer assisted instruction
computer bulletin boards
use electronic bulletin boards
computer codes
use computer programs
computer compatible tapes
computer components
ALU (**computer** components)
computer conferencing
computer design
computer graphics
computer information security
human- **computer** interface
man- **computer** interface
user- **computer** interface
computer methods
use computer programs
ARPA **computer** network
computer networks
LAN (**computer** networks)
computer program integrity
computer program reliability
use software reliability
computer programming
computer programs
user manuals (**computer** programs)
windows (**computer** programs)
computer security
use computer information security
computer simulation
use computerized simulation
cryogenic **computer** storage
delay lines (**computer** storage)
computer storage devices
computer systems design
embedded **computer** systems
computer systems performance
computer systems programs
computer systems simulation
computer techniques
computer viruses
computer vision
computerized control
use numerical control
computerized design
use computer aided design
computerized simulation
computers
accumulators (**computers**)
airborne/spaceborne **computers**
analog **computers**
applications programs (**computers**)
architecture (**computers**)
associative processing (**computers**)
auxiliary equipment (**computers**)
CDC **computers**
CDC 6000 series **computers**
CDC 7000 series **computers**
CDC Cyber 170 series **computers**
compilation (**computers**)
control data (**computers**)
control units (**computers**)
counting rate **computers**
Cray **computers**
data transfer (**computers**)
DDP **computers**
digital **computers**
editing routines (**computers**)
executive systems (**computers**)
file maintenance (**computers**)
flight **computers**
use airborne/spaceborne computers
GE **computers**
General Electric **computers**
use GE computers
GUI (**computers**)
HDL (**computers**)
Hewlett-Packard **computers**
Honeywell **computers**
hybrid **computers**
IBM **computers**
IBM personal **computers**
ICL **computers**
Illiac **computers**
instruction sets (**computers**)
Macintosh personal **computers**
memory (**computers**)
MIMD (**computers**)
MPP (**computers**)
multiprocessing (**computers**)
multitasking (**computers**)
natural language (**computers**)
Nova **computers**
onboard **computers**
use airborne/spaceborne computers
operating systems (**computers**)
optical **computers**
parallel **computers**
parallel processing (**computers**)
PDP **computers**
peripheral equipment (**computers**)
personal **computers**
pipelining (**computers**)
processors (**computers**)
program reliability (**computers**)
program verification (**computers**)
protocol (**computers**)
Raytheon **computers**
RCA **computers**
RCA-110 **computers**
registers (**computers**)
response time (**computers**)
run time (**computers**)
SDP (**computers**)
SDS 900 series **computers**
SEL **computers**
sequential **computers**
SIGMA **computers**
SIMD (**computers**)
software (**computers**)
Solomon **computers**

spacecraft **computers**
use airborne/spaceborne computers
subroutine libraries **(computers)**
Univac **computers**
Univac 1100 series **computers**
VAX **computers**
VAX-11 series **computers**
vector processing **(computers)**
VHDL **(computers)**
International **Computers** Limited
use ICL computers
reduced instruction set **computing**
use RISC processors
Comsat program
ComStar C
ComStar satellites
concatenated codes
concavity
concentrating
concentration
atom **concentration**
carbon dioxide **concentration**
electron density **(concentration)**
ion **concentration**
ion density **(concentration)**
meteoroid **concentration**
particle density **(concentration)**
proton density **(concentration)**
stress **concentration**
concentration (composition)
low **concentrations**
concentrators
spirals **(concentrators)**
concentric cylinders
concentric spheres
concentricity
Concorde aircraft
concrete structures
concretes
concurrent engineering
concurrent processing
condensates
Bose-Einstein **condensates**
condensation
film **condensation**
condensation nuclei
condensation pumps
condensation trails
use contrails
condensed matter physics
condenser radiators
use condensers (liquefiers)
heat radiators
condensers
Gerdien **condensers**
jet **condensers**
spray **condensers**
condensers (liquefiers)
condensing
Kutta-Joukowski **condition**
Lipschitz **condition**
ill- **conditioned** problems (mathematics)
conditioned reflexes
conditioned responses
use conditioning (learning)
conditioning
air **conditioning**
power **conditioning**
air **conditioning** equipment
conditioning (learning)
conditioning (treating)
use treatment
conditions
adiabatic **conditions**
atmospheric **conditions**
use meteorology
boundary **conditions**
chronic **conditions**
congenital **conditions**
use congenital anomalies
drought **conditions**
use drought
flight **conditions**
nonadiabatic **conditions**
nonequilibrium **conditions**
runway **conditions**
weather **conditions**
use weather
Franck- **Condon** principle
Condor missile
conductance
use resistance
negative **conductance**
conducting
use conduction
conducting fluids
conducting media
use conductors
conducting polymers
conduction
heat **conduction**
use conductive heat transfer
conduction bands
conduction electrons
conductive heat transfer
conductivity
air **conductivity**
atmospheric **conductivity**
electrical **conductivity**
use electrical resistivity
ionic **conductivity**
use ion currents
ionospheric **conductivity**
low **conductivity**
plasma **conductivity**
thermal **conductivity**
thermal **conductivity** gages
conductivity meters
electrical **conductivity** meters
exploding **conductor** circuits
use circuits
exploding wires
conductors
bus **conductors**
electric **conductors**
exploding **conductors**
use exploding wires
flat **conductors**
thermal **conductors**
light- **cone** expansion
cones
ablative nose **cones**
cinder **cones**
use cones (volcanoes)
circular **cones**
half **cones**
Mach **cones**
nose **cones**

rocket nose **cones**
shatter **cones**
slender **cones**
cones (volcanoes)
conferences
computer **conferencing**
confidence
confidence limits
hammerhead **configuration**
configuration interaction
configuration management
configurations
aerodynamic **configurations**
aircraft **configurations**
body-wing **configurations**
body-wing and tail **configurations**
canard **configurations**
dual wing **configurations**
inlet airframe **configurations**
launch vehicle **configurations**
magnetic field **configurations**
missile **configurations**
propulsion system **configurations**
satellite **configurations**
spacecraft **configurations**
spikes (aerodynamic **configurations)**
wing nacelle **configurations**
Terminal **Configured** Vehicle Program
control **configured** vehicles
confinement
plasma **confinement**
use plasma control
inertial **confinement** fusion
confining
confirmation
use proving
confluence
use convergence
conformal mapping
conformal transformations
use conformal mapping
confusion
congeners
congenital anomalies
congenital conditions
use congenital anomalies
congestion
Belgian **Congo**
use Democratic Republic of Congo
Democratic Republic of **Congo**
French Equatorial **Congo**
use Congo (Brazzaville)
Congo (Brazzaville)
Congo (Kinshasa)
use Democratic Republic of Congo
congresses
use conferences
congressional reports
congruences
conical bodies
conical camber
conical flare
use cones
conical flow
conical inlets
conical nozzles
conical scanning
conical shells
conics

conifers
coning motion
conjugate gradient method
conjugate points
conjugated circuits
conjugates
conjugation
phase **conjugation**
conjunction
conjunctiva
conjunctivitis
Connecticut
Connection Machine
connections
use joints (junctions)
connective tissue
connectors
electric **connectors**
umbilical **connectors**
unions **(connectors)**
connectors (electric)
use electric connectors
conoids
use conical bodies
consciousness
consecutive events
conservation
energy **conservation**
fuel **conservation**
use fuel consumption
conservation equations
conservation laws
consistency
paste **(consistency)**
self **consistent** fields
consoles
remote **consoles**
consolidation
consonants (speech)
constant
dielectric **constant**
use permittivity
gravitational **constant**
Gruneisen **constant**
Hubble **constant**
perceptual time **constant**
Plancks **constant**
solar **constant**
time **constant**
constant speed propellers
use variable pitch propellers
constant volume balloons
use superpressure balloons
constantan
constants
elastic **constants**
use elastic properties
physical **constants** testing reactor
use nuclear research and test reactors
water cooled reactors
Andromeda **Constellation**
Aries **constellation**
Auriga **constellation**
Cassiopeia **constellation**
Centaurus **constellation**
Cepheus **constellation**
Corona Borealis **constellation**
Cygnus **constellation**

Lyra **constellation**
Orion **constellation**
Sagittarius **constellation**
Scorpio **constellation**
use Scorpius constellation
Scorpius **constellation**
Scutum **constellation**
Taurus **constellation**
Lockheed **Constellation** aircraft
use C-121 aircraft
constellations
satellite **constellations**
constitution
constitutional diagrams
use phase diagrams
constitutive equations
constraints
constrictions
constrictors
construction
aircraft **construction**
use aircraft structures
filament wound **construction**
use filament winding
missile **construction**
use missile structures
sandwich **construction**
use sandwich structures
lunar **construction** equipment
construction in space
use orbital assembly
construction industry
construction materials
aircraft **construction** materials
spacecraft **construction** materials
consulting
consumables (spacecraft)
consumables (spacecrew supplies)
consumers
consumption
energy **consumption**
fuel **consumption**
oxygen **consumption**
propellant **consumption**
water **consumption**
sliding **contact**
contact dermatitis
contact lenses
contact loads
rolling **contact** loads
contact potentials
contact resistance
wraparound **contact** solar cells
use solar cells
contactors
brushes (electrical **contacts)**
electric **contacts**
contacts (electric)
use electric contacts
contacts (geology)
containerless melts
containers
barrels **(containers)**
basins **(containers)**
boxes **(containers)**
cases **(containers)**
drums **(containers)**
receptacles **(containers)**
tanks **(containers)**

containment
contaminants
radioactive **contaminants**
trace **contaminants**
contamination
fuel **contamination**
soil **contamination**
use soil pollution
spacecraft **contamination**
content
bone mineral **content**
heat **content**
use enthalpy
moisture **content**
water **content**
use moisture content
context
context free languages
continental drift
continental margins
use continental shelves
continental shelves
continents
contingency
continuity
continuity equation
continuity (mathematics)
continuous flow electrophoresis
use electrophoresis
continuous noise
continuous radiation
modulated **continuous** radiation
continuous spectra
continuous wave lasers
continuous wave radar
continuous waves
use continuous radiation
space-time **continuum**
use relativity
continuum flow
continuum mechanics
continuum modeling
continuums
Terrain **Contour** Matching Navigation System
use TERCOM
contour sensors
contours
contract incentives
contract management
contract negotiation
contraction
Fitzgerald-Lorentz **contraction**
use Lorentz contraction
Lorentz **contraction**
contractors
contracts
insurance **(contracts)**
contrails
contralateral functions
contrarotating propellers
contrast
image **contrast**
phase **contrast**
control
access **control**
active **control**
adaptive **control**
AFC **(control)**
AGC **(control)**

air traffic **control**
aircraft **control**
altitude **control**
approach **control**
attitude **control**
automatic **control**
automatic flight **control**
automatic frequency **control**
automatic gain **control**
automatic landing **control**
bang-bang **control**
use off-on control
boundary layer **control**
cascade **control**
chemical reaction **control**
combustion **control**
command- **control**
command and **control**
computerized **control**
use numerical control
directional **control**
Discos (satellite attitude **control)**
dynamic **control**
electric **control**
electrohydraulic **control**
use electric control
hydraulic control
electromagnetic **control**
use electromagnets
remote control
electronic **control**
engine **control**
environmental **control**
FBL **control**
use fly by light control
feedback **control**
feedforward **control**
fire **control**
flap **control**
use aircraft control
flaps (control surfaces)
flight **control**
flood **control**
fly by light **control**
fly by tube **control**
fly by wire **control**
frequency **control**
fuel **control**
ground based **control**
harmonic **control**
helicopter **control**
H-infinity **control**
hydraulic **control**
interactive **control**
jet **control**
laminar flow **control**
use boundary layer control
laminar boundary layer
lateral **control**
linear quadratic Gaussian **control**
longitudinal **control**
LQG **control**
use linear quadratic Gaussian control
magnetic **control**
manual **control**
missile **control**
model reference adaptive **control**
multivariable **control**
network **control**

nuclear reactor **control**
numerical **control**
off-on **control**
optical **control**
optimal **control**
optimum **control**
use optimal control
payload **control**
phase **control**
pitch attitude **control**
use longitudinal control
plasma **control**
pneumatic **control**
pollution **control**
porous boundary layer **control**
proportional **control**
quality **control**
radar approach **control**
radio **control**
range **control**
use trajectory control
RAPCON **(control)**
reaction **control**
reliability **control**
use quality control
reliability engineering
remote **control**
robot **control**
rocket engine **control**
roll **control**
use lateral control
satellite **control**
satellite attitude **control**
sequential **control**
servostability **control**
use servocontrol
shape **control**
shock wave **control**
space vehicle **control**
use spacecraft control
spacecraft **control**
spectral shift **control**
speed **control**
temperature **control**
thermal barriers (plasma **control)**
thrust **control**
thrust vector **control**
time optimal **control**
TQM (quality **control)**
traffic **control**
trajectory **control**
turbojet engine **control**
TVC **(control)**
vector **control**
use directional control
visual **control**
voice **control**
wave incidence **control**
weather **control**
use weather modification
circulation **control** airfoils
control boards
IMCC **(control** center)
integrated mission **control** center
fire **control** circuits
thermal **control** coatings
control configured vehicles
control data (computers)

control devices
use control equipment
variable stream **control** engines
control equipment
transponder **control** group
process **control** (industry)
control moment gyroscopes
control panels
use control boards
Submarine Integrated **Control** project
spectral shift **control** reactor
control rockets
control rods
circulation **control** rotors
Transit Attitude **Control** satellite
control simulation
control stability
control sticks
control surfaces
elevators **(control** surfaces)
flaps **(control** surfaces)
tabs **(control** surfaces)
AFCS **(control** system)
Airborne Warning and **Control** System
use AWACS aircraft
control systems
use control
adaptive **control** systems
use adaptive control
control systems design
MIMO **(control** systems)
pointing **control** systems
self adaptive **control** systems
SISO **(control** systems)
control theory
control units (computers)
control valves
automatic **control** valves
controllability
controlled atmospheres
controlled avalanche transit time devices
use CATT devices
controlled fusion
voltage **controlled** oscillators
silicon **controlled** rectifiers
controlled stability
use control
controllers
power factor **controllers**
air traffic **controllers** (personnel)
direct lift **controls**
inventory **controls**
Convair 340 aircraft
use CV-340 aircraft
Convair 440 aircraft
use CV-440 aircraft
Convair 880 aircraft
use CV-880 aircraft
Convair 990 aircraft
use CV-990 aircraft
convection
forced **convection**
free **convection**
Marangoni **convection**
natural **convection**
use free convection
Rayleigh-Benard **convection**
stellar **convection**
surface tension driven **convection**
thermal **convection**
use free convection
solar **convection** (astronomy)
convection cells
convection clouds
convection currents
convection-diffusion equation
diffusion- **convection** equation
convective flow
convective heat transfer
conventions
convergence
convergent-divergent nozzles
convergent nozzles
intertropical **convergent** zones
conversation
conversion
electric power **conversion**
use electric generators
energy **conversion**
frequency **conversion**
use frequency converters
geothermal energy **conversion**
internal **conversion**
metric **conversion**
use metrication
ocean thermal energy **conversion**
organic wastes (fuel **conversion)**
ortho para **conversion**
photothermal **conversion**
photovoltaic **conversion**
satellite solar energy **conversion**
solar energy **conversion**
thermophotovoltaic **conversion**
turboelectric **conversion**
use turbogenerators
waterwave energy **conversion**
energy **conversion** efficiency
data **conversion** routines
thermionic **conversion** systems
use thermionic power generation
thermoelectric **conversion** systems
use thermoelectric power generation
conversion tables
convertaplanes
use V/STOL aircraft
converters
analog to digital **converters**
binary to decimal **converters**
data **converters**
decimal to binary **converters**
digital to analog **converters**
down- **converters**
energy **converters**
use direct power generators
frequency **converters**
image **converters**
parametric frequency **converters**
power **converters**
pulse width amplitude **converters**
solar **converters**
use solar generators
thermionic **converters**
torque **converters**
up- **converters**
voltage **converters** (AC to AC)
current **converters** (AC to DC)
inverted **converters** (DC to AC)

voltage **converters** (DC to DC)
convertible fan-shaft engines
convexity
conveyors
convolution integrals
convolutions (mathematics)
use convolution integrals
convulsions
Cook Inlet (AK)
Cookpot aircraft
use TU-124 aircraft
cool stars
loss of **coolant**
coolant loss
use loss of coolant
coolants
engine **coolants**
organic **coolants**
gas **cooled** fast reactors
advanced sodium **cooled** reactor
Lithium **Cooled** Reactor Experiment
experimental gas **cooled** reactors
experimental organic **cooled** reactors
gas **cooled** reactors
high temperature gas **cooled** reactors
liquid **cooled** reactors
liquid metal **cooled** reactors
organic **cooled** reactors
water **cooled** reactors
coolers
Ettingshausen **coolers**
use Ettingshausen effect
thermoelectric cooling
cooling
absorption **cooling**
adiabatic demagnetization **cooling**
air **cooling**
cryogenic **cooling**
evaporative **cooling**
film **cooling**
gas **cooling**
laser **cooling**
liquid **cooling**
magnetic **cooling**
plasma **cooling**
quenching **(cooling)**
radiant **cooling**
regenerative **cooling**
sodium **cooling**
solar **cooling**
solid cryogen **cooling**
surface **cooling**
sweat **cooling**
thermoelectric **cooling**
thermomagnetic **cooling**
transpiration **cooling**
use **sweat** cooling
water **cooling**
use liquid cooling
space **cooling** (buildings)
cooling fins
cooling flows (astrophysics)
cooling systems
Bardeen- **Cooper**-Schrieffer theory
cooperation
international **cooperation**
coordinate geometry language
use COGO (programming language)

coordinate systems
use coordinates
coordinate transformations
coordinates
astronomical **coordinates**
axes **(coordinates)**
Cartesian **coordinates**
curvilinear **coordinates**
use spherical coordinates
cylindrical **coordinates**
geocentric **coordinates**
geodetic **coordinates**
Hylleraas **coordinates**
hyperbolic **coordinates**
inertial **coordinates**
Lagrange **coordinates**
oblique **coordinates**
planetocentric **coordinates**
polar **coordinates**
rectangular **coordinates**
use Cartesian coordinates
spherical **coordinates**
coordination
coordination polymers
Langley complex **coordinator**
Copernicus spacecraft
use OAO 3
copilots
use aircraft pilots
coplanarity
copolymerization
copolymers
block **copolymers**
vinyl **copolymers**
copper
copper alloys
copper chlorides
copper compounds
copper fluorides
copper indium selenides
copper isotopes
copper oxides
copper selenides
copper sulfides
reproduction **(copying)**
copyrights
coral heads
use coral reefs
coral reefs
spinal **cord**
cordage
Cordelia
cordierite
cordite
use colloidal propellants
double base propellants
vocal **cords**
Earth **core**
lunar **core**
core flow
core-mantle boundary
annular **core** pulse reactors
plasma **core** reactors
core sampling
core storage
cores
honeycomb **cores**
magnetic **cores**
planetary **cores**

reactor **cores**
stellar **cores**
Coriolis effect
cork (materials)
corn
corneas
corner flow
radar **corner** reflectors
corners
electric **corona**
solar **corona**
Corona Borealis constellation
corona discharges
use electric corona
R **Coronae Borealis stars**
coronagraphs
coronal holes
coronal loops
coronal mass ejection
coronary artery disease
coronary circulation
coronas
stellar **coronas**
corotation
British Aircraft **Corp** aircraft
use BAC aircraft
Corporal missile
corpuscles (blood)
use blood cells
corpuscular radiation
solar **corpuscular** radiation
error **correcting** codes
error **correcting** devices
correction
atmospheric **correction**
radiometric **correction**
optical **correction** procedure
predictor- **corrector** methods
correlation
angular **correlation**
cross **correlation**
data **correlation**
spectral **correlation**
statistical **correlation**
correlation coefficients
correlation detection
correlation functions
use correlation
SIMICOR (image **correlator)**
simultaneous image **correlator**
use image correlators
correlators
image **correlators**
optical **correlators**
St Louis-Kansas City **Corridor** (MO)
Great Plains **Corridor** (North America)
corridors
corrosion
cavitation **corrosion**
electrochemical **corrosion**
fretting **corrosion**
fuel **corrosion**
hot **corrosion**
intergranular **corrosion**
metal **corrosion**
use corrosion
scale **(corrosion)**
stress **corrosion**
transgranular **corrosion**

stress **corrosion** cracking
corrosion prevention
corrosion resistance
corrosion test loops
corrosion tests
corrugated plates
corrugated shells
corrugating
Corsair aircraft
use A-7 aircraft
cerebral **cortex**
cortexes
cortexes (botany)
Corti organ
corticosteroids
cortisone
corundum
use aluminum oxides
Corvus missile
COS-B satellite
cosine series
discrete **cosine** transform
Cosmic Background Explorer satellite
cosmic dust
cosmic gamma ray bursts
use gamma ray bursts
cosmic gases
cosmic noise
cosmic plasma
cosmic radiation
use cosmic rays
cosmic radio waves
use extraterrestrial radio waves
cosmic ray albedo
heavy **cosmic** ray primaries
use heavy nuclei
primary cosmic rays
cosmic ray showers
cosmic rays
galactic **cosmic** rays
primary **cosmic** rays
secondary **cosmic** rays
solar **cosmic** rays
cosmic x rays
cosmochemistry
cosmogony
use cosmology
cosmology
big bang **cosmology**
cosmonauts
cosmos
Cosmos 2 satellite
Cosmos 3 satellite
Cosmos 5 satellite
Cosmos 6 satellite
Cosmos 14 satellite
Cosmos 44 satellite
Cosmos 54 satellite
Cosmos 71 satellite
Cosmos 110 satellite
Cosmos 137 satellite
Cosmos 144 satellite
Cosmos 149 satellite
Cosmos 166 satellite
Cosmos 186 satellite
Cosmos 188 satellite
Cosmos 208 satellite
Cosmos 213 satellite
Cosmos 224 satellite

Cosmos 225 satellite
Cosmos 381 satellite
Cosmos 782 satellite
Cosmos 936 satellite
Cosmos 954 satellite
Cosmos 1129 satellite
Cosmos satellites
COSPAR (committee)
use Committee on Space Research
COSPAS
Cosserat surfaces
design to **cost**
low **cost**
cost analysis
cost effectiveness
cost estimates
cost incentives
cost reduction
Costa Rica
costs
aircraft production **costs**
freight **costs**
launch **costs**
life cycle **costs**
operating **costs**
production **costs**
Cote d'Ivoire
cotton
cotton fibers
couches
Couette flow
Cougar aircraft
use F-9 aircraft
cough
coulees
use canyons
Coulomb collisions
Coulomb potential
coulometers
coulometry
countdown
counter-rotating wheels
counter rotation
counterbalances
counterflow
counterinsurgency aircraft
use COIN aircraft
countermeasures
electronic **countermeasures**
optical **countermeasures**
counters
Cerenkov **counters**
electron **counters**
gas discharge **counters**
use counters
gas discharge tubes
Geiger **counters**
ionization **counters**
use radiation counters
neutron **counters**
particle **counters**
use radiation counters
proportional **counters**
quantum **counters**
radiation **counters**
scintillation **counters**
countersinking
counting
counting circuits
counting rate computers
Norton **County** achondrite
charge **coupled** devices
coupled modes
strongly **coupled** plasmas
couplers
antenna **couplers**
directional **couplers**
couples
coupling
acoustic **coupling**
cross **coupling**
electromagnetic **coupling**
gyroscopic **coupling**
ionosphere-magnetosphere **coupling**
use magnetosphere-ionosphere
coupling
magnetosphere-ionosphere **coupling**
microwave **coupling**
mode **coupling**
use coupled modes
optical **coupling**
spin-spin **coupling**
thermodynamic **coupling**
velocity **coupling**
coupling circuits
coupling coefficients
couplings
Courier aircraft
use U-10 aircraft
Courier satellite
courses
use paths
covalence
covalent bonds
covariance
cloud **cover**
snow **cover**
high resolution **coverage** antennas
coveralls
coverings
coves
use bays (topographic features)
Cowell method
use numerical integration
cowlings
Crab nebula
crabs
Griffith **crack**
crack arrest
crack bridging
crack closure
crack formation
use crack initiation
crack geometry
crack initiation
crack opening displacement
crack propagation
crack tips
stress corrosion **cracking**
cracking (chemical engineering)
cracking (fracturing)
cracks
COD **(cracks)**
edge **cracks**
short **cracks**
surface **cracks**

CRAF mission
use Comet Rendezvous Asteroid
Flyby Mission
craft
use vehicles
hydrofoil **craft**
Friedel- **Craft** reaction
Cramer–Rao bounds
cramps
Flying **Crane** helicopter
use H-17 helicopter
cranes
gantry **cranes**
cranium
Crank–Nicholson method
cranked wings
use swept wings
cranks
use eccentrics
crash injuries
crash landing
crashes
crashworthiness
Ptolemaeus **Crater**
Tycho **crater**
cratering
hypervelocity **cratering**
use hypervelocity projectiles
projectile cratering
projectile **cratering**
craters
fossil meteorite **craters**
use fossils
meteorite craters
lunar **craters**
Mars **craters**
meteor **craters**
use craters
meteorite **craters**
meteoroid **craters**
use meteorite craters
planetary **craters**
cratons
crawler tractors
Cray computers
crayons
crazing
use surface cracks
creatine
creatinine
creation
use creativity
creativity
shear **creep**
steady state **creep**
tensile **creep**
creep analysis
creep buckling
creep diagrams
creep properties
creep resistance
use creep strength
creep rupture strength
creep strength
creep tests
crepe
cresols

crestatrons
use traveling wave tubes
crests
use waves
Cretaceous Period
Cretaceous–Tertiary boundary
crevasses
crevices
use cracks
crew experiment stations
crew observation stations
crew procedures (inflight)
crew procedures (preflight)
Assured **Crew** Return Vehicle
X-38 **crew** return vehicle
crew size
crew stations
use crew workstations
crew workstations
crews
flight **crews**
ground **crews**
crickets
crime
crimping
use folding
criteria
structural design **criteria**
critical experiments
critical flicker fusion
critical flow
critical frequencies
critical loading
critical Mach number
use critical velocity
Mach number
critical mass
critical path method
critical point
critical pressure
critical Reynolds number
use Reynolds number
critical speed
use critical velocity
critical stress
use critical loading
critical temperature
critical velocity
Croatia
Crocco–Lees theory
Crocco method
Croloy
crop calendars
crop dusting
crop growth
crop identification
crop inventories
Crop Inventories by Remote Sensing
use AgRISTARS project
Large Area **Crop** Inventory Experiment
crop vigor
croplands
use farmlands
crops
farm **crops**
cross correlation
cross coupling

cross faults
use geological faults
cross flow
ionospheric **cross** modulation
cross polarization
cross relaxation
cross sections
absorption **cross** sections
capture **cross** sections
use absorption cross sections
ionization **cross** sections
neutron **cross** sections
radar **cross** sections
scattering **cross** sections
crossbedding (geology)
crossed field amplifiers
crossed field guns
crossed fields
crossings
zero **crossings**
use roots of equations
crosslinking
crossovers
crosstalk
geomagnetic **crotchets**
use sudden ionospheric
disturbances
crowding
CRRES (satellite)
crucibles
cruciform wings
crude oil
supersonic **cruise** aircraft research
cruise missiles
cruising flight
Crusader aircraft
use F-8 aircraft
crushers
crushing
Earth **crust**
lunar **crust**
crustal dynamics
use Earth crust
geodynamics
crustal fractures
crusts
planetary **crusts**
cryochemistry
cryocycle principle
cryodeposits
solid **cryogen** cooling
cryogenic computer storage
cryogenic cooling
cryogenic equipment
cryogenic fluid storage
cryogenic fluids
cryogenic gyroscopes
cryogenic magnets
cryogenic rocket propellants
cryogenic storage
cryogenic temperature
cryogenic wind tunnels
cryogenics
solid **cryogens**
cryolite
cryopumping
cryosar
cryosorption
use sorption
Earth **cryosphere**
cryospheres
planetary **cryospheres**
cryostats
cryotrapping
cryotrons
cryptography
crystal defects
vacancies (**crystal** defects)
crystal dislocations
crystal field splitting
use crystal field theory
crystal field theory
crystal fields
use crystal field theory
crystal filters
crystal growth
hydrothermal **crystal** growth
melts (**crystal** growth)
protein **crystal** growth
crystal lattices
crystal optics
crystal oscillators
crystal rectifiers
crystal structure
crystal surfaces
crystallinity
crystallites
crystallization
crystallography
crystals
Bravais **crystals**
dendritic **crystals**
directional solidification (**crystals**)
doped **crystals**
ionic **crystals**
liquid **crystals**
metal **crystals**
mixed **crystals**
piezoelectric **crystals**
quartz **crystals**
single **crystals**
whiskers (**crystals**)
CSM
use command service modules
New Haven (**CT**)
CT-114 aircraft
CTD
use charge transfer devices
Bi-Sr-Ca- **Cu-O** superconductors
Y-Ba- **Cu-O** superconductors
Cuba
cubane
cubes (mathematics)
cubic equations
cubic lattices
body centered **cubic** lattices
face centered **cubic** lattices
cues
cuestas
use ridges
cuffs
cultivation
cultural resources
culture (social sciences)
culture techniques
cumulative damage

cumulonimbus clouds
cumulus clouds
cupolas
curare
cures
Curie temperature
Curie–Weiss law
curing
curium
curium 242
curium 244
curium compounds
curium isotopes
curl (materials)
curl (vectors)
AC **(current)**
alternating **current**
dark **current**
DC **(current)**
direct **current**
electric **current**
electrode dark **current**
use dark current
high **current**
line **current**
Lomonosov **current**
current algebra
current amplifiers
current converters (AC to DC)
current density
current distribution
alternating **current** generators
use AC generators
direct **current** generators
use DC generators
current regulators
current sheets
current stabilizers
use current regulators
currents
air **currents**
beam **currents**
Birkeland **currents**
coastal **currents**
convection **currents**
Earth **currents**
use telluric currents
eddy **currents**
external surface **currents**
field aligned **currents**
Hall **currents**
use electric current
Hall effect
ion **currents**
ionospheric **currents**
littoral **currents**
use coastal currents
longshore **currents**
use coastal currents
low **currents**
neutral **currents**
ocean **currents**
plasma **currents**
ring **currents**
short circuit **currents**
telluric **currents**
thermal **currents**
use convective flow
threshold **currents**
vector **currents**
vertical air **currents**
water **currents**
currents (oceanography)
use water currents
curtains
Curtiss C-46 aircraft
use C-46 aircraft
Curtiss–Wright aircraft
curvature
Bragg **curve**
light **curve**
curve fitting
curved beams
curved panels
curved surfaces
use contours
shapes
surfaces
curves
Gompertz **curves**
Hill **curves**
use Hill method
learning **curves**
S **curves**
zero force **curves**
curves (geometry)
curvilinear coordinates
use spherical coordinates
air **cushion** landing systems
air **cushion** vehicles
use ground effect machines
Cushioncraft ground effect machine
cushions
cusps
double **cusps**
polar **cusps**
cusps (landforms)
cusps (mathematics)
custom integrated circuits
use application specific integrated circuits
cut–off
cut–outs
cutaneous perception
use touch
cutters
blades **(cutters)**
cutting
blanking **(cutting)**
laser **cutting**
metal **cutting**
plasma arc **cutting**
CV–2 aircraft
CV–7 aircraft
CV–340 aircraft
CV–440 aircraft
CV–880 aircraft
CV–990 aircraft
CVD (deposition)
use vapor deposition
CVI (fabrication)
use chemical vapor infiltration
CVM (solid state)
use cluster variation method
CW radar
use continuous wave radar
cyanamides
cyanates

methyl **cyanide**
use acetonitrile
vinyl **cyanide**
use acrylonitriles
cyanide emission
use CN emission
hydrogen **cyanide** lasers
use HCN lasers
cyanides
hydrogen **cyanides**
use hydrocyanic acid
iron **cyanides**
cyano compounds
cyanoacetylene
cyanocobalamin
cyanogen
Cyanophyta
use blue green algae
cyanosis
cyanurates
cyanuric acid
Cyber 74 computer
use CDC Cyber 74 computer
CDC **Cyber** 74 computer
CDC **Cyber** 170 series computers
CDC **Cyber** 174 computer
CDC **Cyber** 175 computer
CDC **Cyber** 203 computer
CDC **Cyber** 205 computer
cybernetics
Brayton **cycle**
carbon **cycle**
Carnot **cycle**
hydrological **cycle**
Krebs **cycle**
Otto **cycle**
Rankine **cycle**
Stirling **cycle**
sunspot **cycle**
work-rest **cycle**
life **cycle** costs
liquid air **cycle** engines
topping **cycle** engines
variable **cycle** engines
water **cycle** (hydrology)
use hydrological cycle
combined **cycle** power generation
hot **cycle** propulsion system
use tip driven rotors
cycles
closed **cycles**
regenerative **cycles**
use regeneration (engineering)
solar **cycles**
stress **cycles**
thermodynamic **cycles**
activity **cycles** (biology)
cyclic accelerators
cyclic adenosine monophosphate
use cyclic AMP
cyclic AMP
cyclic compounds
cyclic hydrocarbons
cyclic loads
cycling
use cycles
thermal **cycling** tests
cyclobutane
cyclogenesis

cyclohexane
cycloids
cyclones
cyclones (equipment)
use centrifuges
cyclopropane
Cyclops plasma accelerator
cyclotetramethylene tetranitramine
use HMX
cyclotrimethylene trinitramine
use RDX
Oak Ridge isochronous **cyclotron**
ORIC **cyclotron**
use Oak Ridge isochronous cyclotron
cyclotron frequency
electron **cyclotron** heating
cyclotron radiation
ion **cyclotron** radiation
cyclotron resonance
cyclotron resonance devices
electron **cyclotron** resonance
cyclotrons
Cygnus constellation
hemisphere **cylinder** bodies
cylinders
circular **cylinders**
concentric **cylinders**
elastic **cylinders**
elliptical **cylinders**
orthotropic **cylinders**
oscillating **cylinders**
plasma **cylinders**
rotating **cylinders**
viscoelastic **cylinders**
cylindrical afterbodies
use afterbodies
cylindrical bodies
cylindrical antennas
cylindrical bodies
cylindrical chambers
cylindrical coordinates
cylindrical plasmas
cylindrical shells
cylindrical tanks
cylindrical waves
cylindroids
use cylindrical bodies
Cyprus
Cyrillid meteoroids
cysteamine
cysteine
cystic fibrosis
cysts
cytidylic acid
cytochromes
cytogenesis
cytology
nuclei **(cytology)**
cytometry
cytophotometry
use cytometry
cytoplasm
Czech Republic
Czechoslovakia
Czechoslovakian space program
Czechoslovakian spacecraft
Czochralski method

D

AIMP- **D**
Atmosphere Explorer **D**
use Explorer 54 satellite
Earth Resources Technology
Satellite **D**
use Landsat 4
Energetic Particle Explorer **D**
use Explorer 26 satellite
EPE- **D**
ERTS- **D**
HEAO **D**
use HEAO 4
High Energy Astronomy
Observatory **D**
use HEAO 4
IMP- **D**
loran **D**
Lunar Orbiter **D**
use Lunar Orbiter 4
OGO- **D**
OSO- **D**
SAS- **D**
SIR- **D**
Space Shuttle mission 31- **D**
Space Shuttle mission 41- **D**
Space Shuttle mission 51- **D**
Space Shuttle upper stage **D**
SSUS- **D**
vitamin **D**
use calciferol
D-1 satellite
D-2 satellites
D-2B satellite
D-558 aircraft
Douglas **D-558 aircraft**
Atlas **D** ICBM
Saturn **D** launch vehicle
D layer
use D region
D lines
D region
Agena **D** rocket vehicle
AE- **D** satellite
EXOS- **D** satellite
GEOS- **D** satellite
TIROS **D** satellite
use TIROS 4 satellite
Cote **d'**Ivoire
Dacron (trademark)
Dactyl
use natural satellites
DAD Explorer
use Dual Air Density Explorer
DAEMO (data analysis)
use data processing
data reduction
data transmission
Delta **Dagger** aircraft
use F-102 aircraft
Dahomey
use Benin
North **Dakota**
South **Dakota**
Dakota aircraft
use C-47 aircraft
Dalton law
DAMA
use demand assignment multiple
access
damage
brain **damage**
cumulative **damage**
earthquake **damage**
fire **damage**
flood **damage**
frost **damage**
impact **damage**
insect **damage**
use infestation
laser **damage**
meteoritic **damage**
proton **damage**
radiation **damage**
rain impact **damage**
storm **damage**
damage assessment
damage threshold
use yield point
Damkohler number
DAMP program
use Downrange Antimissile
Measurement Program
dampers
nutation **dampers**
oscillation **dampers**
vibration **dampers**
use vibration isolators
dampers (valves)
damping
elastic **damping**
jet **damping**
use damping
spin reduction
Landau **damping**
vibration **damping**
viscoelastic **damping**
viscous **damping**
damping factor
use damping
damping in pitch
use damping
pitch (inclination)
damping in roll
use damping
damping in yaw
use damping
yaw
damping tests
dampness
use moisture content
dams
Cobra **Dane** (radar)
danger
use hazards
Danish space program
dark adaptation
dark current
electrode **dark** current
use dark current
dark matter
Faraday **dark** space
darkening
limb **darkening**
darkness
darkrooms

Delta **Dart** aircraft
use F-106 aircraft
Judi- **Dart** rocket
Dart turboprop engines
use turboprop engines
Dash helicopter
use QH-50 helicopter
Dassault aircraft
Dassault Mirage 3 aircraft
use Mirage 3 aircraft
Dassault Mystere 20 aircraft
use Mystere 20 aircraft
Dassault Mystere 50 aircraft
use Mystere 50 aircraft
DAST program
data
analog **data**
audio **data**
binary **data**
biomedical **data**
digital **data**
radar **data**
tables **(data)**
video **data**
Satellite Tracking and **Data** Acq Network
use STDN (network)
data acquisition
ocean **data** acquisitions systems
data adaptive evaluator/monitor
use data processing
data reduction
data transmission
data analysis
use data processing
data reduction
DAEMO **(data** analysis)
EOS **data** and information system
data base management systems
data bases
numerical **data** bases
relational **data** bases
data busses
use channels (data transmission)
world **data** centers
data collection platforms
data compaction
use data compression
data compression
control **data** (computers)
data conversion routines
data converters
data correlation
IDEP **(data** exchange)
interservice **data** exchange program
data flow analysis
data fusion
use multisensor fusion
data handling systems
use data systems
data integration
data links
data management
censored **data** (mathematics)
Space Flight Tracking and **Data** Network
Spacecraft Tracking and **Data** Network
use STDN (network)
ocean **data** platforms
use ocean data acquisitions systems
data processing
automatic **data** processing
use data processing
data processing equipment
frames **(data** processing)
onboard **data** processing
optical **data** processing
printers **(data** processing)
data processing terminals
voice **data** processing
data processors
use data processing equipment
site **data** processors
data readout systems
use data systems
display devices
data recorders
weather **data** recorders
data recording
data reduction
TARE **(data** reduction)
Tracking and **Data** Relay Satellites
use TDR satellites
data retrieval
data sampling
data simulation
data smoothing
ocean **data** stations
use ocean data acquisitions systems
data storage
optical **data** storage materials
optical memory **(data** storage)
multiple instruction multiple **data** stream
use MIMD (computers)
data structures
NASA End-to-End **Data** System
use needs (data system)
needs **(data** system)
data systems
air **data** systems
end-to-end **data** systems
sampled **data** systems
data transfer (computers)
data transmission
ATM **(data** transmission)
channels **(data** transmission)
data visualization
use scientific visualization
single instruction multiple **datastream**
use SIMD (computers)
launch **dates**
dating
use chronology
time measurement
radioactive **dating**
use radioactive age determination
tree ring **dating**
use dendrochronology
datum (elevation)
dawn chorus
chorus **(dawn** phenomenon)
dawsonite
twenty-seven **day** variation
dayglow
daytime
DBR lasers
DBS (satellites)
use direct broadcast satellites
current converters (AC to **DC)**
DC 3 aircraft

Douglas **DC-3** aircraft
DC 7 aircraft
Douglas **DC-7** aircraft
DC 8 aircraft
Douglas **DC-8** aircraft
DC 9 aircraft
Douglas **DC-9** aircraft
DC 10 aircraft
DC 11 aircraft
use MD 11 aircraft
DC (current)
use direct current
DC generators
inverted converters (**DC** to AC)
voltage converters (**DC** to DC)
defense communications system (**DCS**)
DCT (mathematics)
use discrete cosine transform
Honeywell **DDP** 116 computer
DDP 516 computer
DDP computers
DDT
de Broglie wavelengths
Van **de** Graaff accelerators
de Havilland aircraft
de Havilland DH 106 aircraft
use Comet 4 aircraft
de Havilland DH 112 aircraft
use DH 112 aircraft
de Havilland DH 115 aircraft
use DH 115 aircraft
de Havilland DH 121 aircraft
use DH 121 aircraft
de Havilland DH 125 aircraft
use DH 125 aircraft
de Havilland DHC 4 aircraft
use DHC 4 aircraft
de Havilland DHC 5 aircraft
use DHC 5 aircraft
de Havilland Venom aircraft
use DH 112 aircraft
de Laval nozzles
use convergent-divergent nozzles
Delmarva Peninsula (**DE** -MD-VA)
deacclimatization
use acclimatization
deactivation
dead reckoning
deadweight
use static loads
deafness
use auditory defects
death
Death Valley (CA)
Debonair aircraft
use C-33 aircraft
debonding (materials)
debris
radioactive **debris**
space **debris**
debugging
use checkout
Debye-Huckel theory
Debye length
Debye-Scherrer method
Debye temperature
use specific heat
IHD (hydrological **decade**)
International Hydrological **Decade**

decametric waves
decarbonation
decarboxylation
decarburization
decay
alpha **decay**
neutron **decay**
orbit **decay**
particle **decay**
plasma **decay**
radioactive **decay**
electron **decay** rate
decay rates
Decca navigation
deceleration
impact **deceleration**
use impact acceleration
decelerators
use brakes (for arresting motion)
deception
deciduous trees
binary to **decimal** converters
decimal to binary converters
decimals
decimeter waves
decision aids
use decision support systems
decision elements
use logical elements
decision making
decision support systems
decision theory
statistical **decision** theory
decisions
decks (floors)
use floors
declination
decoders
Viterbi **decoders**
decoding
decommissioning
decommutators
decomposition
propellant **decomposition**
thermal **decomposition**
decompression
use pressure reduction
explosive **decompression**
decompression sickness
deconditioning
decongestants
decontamination
decoupling
spin **decoupling**
decoys
ballistic missile **decoys**
reentry **decoys**
Forbush **decreases**
decrementing
use reduction
deduction
electromagnetic **deduction**
use magnetic induction
deep drawing
deep scattering layers
deep space
Deep Space Instrumentation Facility
Deep Space Network
deep water

deep well injection (wastes)
deepwater terminals
deer
defects
antisite **defects**
auditory **defects**
crystal **defects**
Frenkel **defects**
point **defects**
speech **defects**
surface **defects**
vacancies (crystal **defects)**
Defender project
defense
air **defense**
antimissile **defense**
chemical **defense**
civil **defense**
missile **defense**
satellite **defense**
use spacecraft defense
spacecraft **defense**
Defense Communications Satellite System
defense communications system (DCS)
defense industry
Defense Meteorological Satellite Program
use DMSP satellites
defense program
SAGE air **defense** system
physiological **defenses**
holes (electron **deficiencies)**
oxygen **deficiency**
use hypoxia
definition
high **definition** television
deflagration
deflating
use inflatable structures
pressure reduction
deflection
flow **deflection**
deflectors
blast **deflectors**
flame **deflectors**
defluorination
defocusing
laser beam **defocusing**
use thermal blooming
thermal **defocusing**
use thermal blooming
defoliants
defoliation
deforestation
deformation
axisymmetric **deformation**
use axial strain
elastic **deformation**
nuclear **deformation**
plastic **deformation**
static **deformation**
tensile **deformation**
wave front **deformation**
deformeters
defrosting
degassing
degenerate matter

degeneration
degenerative feedback
use negative feedback
degradation
thermal **degradation**
wave **degradation**
degrees of freedom
DEHP
use diethyl hydrogen phosphite (DEHP)
diethyl hydrogen phosphite **(DEHP)**
dehumidification
dehydrated food
dehydration
dehydrogenation
deicers
deicing
deicing systems
use deicers
Deimos
deionization
dekatrons
use counters
delaminating
Delaware
Delaware Bay (US)
Delaware River Basin (US)
delay
lag **(delay)**
time **delay**
use time lag
delay circuits
delay lines
acoustic **delay** lines
delay lines (computer storage)
deletion
Delfin aircraft
use L-29 jet trainer
Delft camera
delineation
delivery
weapons **delivery**
payload **delivery** (STS)
Delmarva Peninsula (DE-MD-VA)
Delphi method (forecasting)
Delrin (trademark)
Fairey **Delta** 2 aircraft
use FD 2 aircraft
delta antennas
Delta Clipper
Delta Dagger aircraft
use F-102 aircraft
Delta Dart aircraft
use F-106 aircraft
Rhone **Delta** (France)
delta function
Mississippi **Delta** (LA)
Delta launch vehicle
Thor **Delta** launch vehicle
delta modulation
delta wings
deltas
demagnetization
adiabatic **demagnetization** cooling
biochemical oxygen **demand**
demand assignment multiple access
demand (economics)
bone **demineralization**
demineralizing

Democratic Peoples Republic of
Korea
use North Korea
German **Democratic** Republic
use East Germany
Democratic Republic of Congo
Peoples **Democratic** Republic of Germany
use East Germany
demodulation
demodulators
frequency compression **demodulators**
modulators- **demodulators**
phase **demodulators**
phase lock **demodulators**
demography
demonstration
use proving
demultiplexing
biopolymer **denaturation**
nucleic acid **denaturation**
use biopolymer denaturation
protein **denaturation**
use biopolymer denaturation
denaturation (biopolymers)
use biopolymer denaturation
dendritic crystals
dendritic drainage
use drainage patterns
dendrochronology
denitrogenation
Denmark
dense plasmas
densification
densimeters
ultrasonic **densimeters**
densitometers
density
atmospheric **density**
current **density**
electron flux **density**
energy **density**
use flux density
flux **density**
gas **density**
ionospheric electron **density**
ionospheric ion **density**
luminous flux **density**
use luminous intensity
magnetic charge **density**
magnetospheric electron **density**
magnetospheric ion **density**
magnetospheric proton **density**
Maxwellian distribution **(density)**
neutron flux **density**
optical **density**
packing **density**
particle flux **density**
photon **density**
plasma **density**
proton flux **density**
radiant flux **density**
solar flux **density**
space **density**
electron **density** (concentration)
ion **density** (concentration)
particle **density** (concentration)
proton **density** (concentration)
density distribution

power **density** (electromagnetic)
use radiant flux density
Air **Density** Explorer A
use Explorer 19 satellite
Dual Air **Density** Explorer
low **density** flow
Maxwell-Boltzmann **density** function
normal **density** functions
Poisson **density** functions
probability **density** functions
Weibull **density** functions
low **density** gases
use rarefied gases
Air **Density**/Injun Explorer B
density (mass/volume)
low **density** materials
density measurement
x ray **density** measurement
density (number/volume)
electron **density** profiles
density (rate/area)
use flux density
low **density** research
carrier **density** (solid state)
density wave model
low **density** wind tunnels
dental calculi
dentistry
deoxidizing
deoxification
deoxygenation
deoxyribonucleic acid
dependence
pressure **dependence**
temperature **dependence**
time **dependence**
spatial **dependencies**
dependency
use dependence
dependent variables
depersonalization
depletion
ozone **depletion**
Large **Deployable** Reflector
self **deploying** space stations
use self erecting devices
space stations
deployment
payload **deployment** & retrieval system
depolarization
optical **depolarization**
depolarizers
use depolarization
depolymerization
deposition
chemical vapor **deposition**
use vapor deposition
CVD **(deposition)**
electroless **deposition**
laser **deposition**
metal organic chemical vapor **deposition**
metalorganic chemical vapor **deposition**
MOCVD (vapor **deposition)**
OMCVD (vapor **deposition)**
organometallic vapor **deposition**
use metalorganic chemical vapor
deposition
pulsed laser **deposition**
vacuum **deposition**

vapor **deposition**
deposits
glaciofluvial **deposits**
use glacial drift
gravel **deposits**
use gravels
mineral **deposits**
depreciation
depressants
central nervous system **depressants**
depression
neurotic **depression**
psychotic **depression**
depressions (topography)
use structural basins
depressurization
use **pressure** reduction
deprivation
sensory **deprivation**
sleep **deprivation**
water **deprivation**
depth
mixing **depth**
use mixing height
optical **depth**
use optical thickness
water **depth**
depth measurement
depth perception
use space perception
Van **der** Waals forces
derivation
derivation calculus
use differential calculus
stability **derivatives**
coal **derived** gases
coal **derived** liquids
Shuttle **Derived** Vehicles
dermatitis
contact **dermatitis**
dermatology
desalinization
desaturation
descaling
descent
parachute **descent**
steepest **descent** method
descent propulsion systems
descent trajectories
hardware **description** languages
descriptions
descriptive geometry
desensitizing
Gobi **desert**
Libyan **desert**
desert adaptation
Sahara **Desert** (Africa)
Mojave **Desert** (CA)
desertification
desertline
deserts
desiccants
desiccation
use drying
desiccators
design
aircraft **design**
amplifier **design**
antenna **design**
CAD **(design)**
computer **design**
computer aided **design**
computer systems **design**
computerized **design**
use computer aided design
control systems **design**
engine **design**
experiment **design**
factorial **design**
helicopter **design**
Integ Program for Aerospace Veh **Design**
use IPAD
lens **design**
logic **design**
missile **design**
nozzle **design**
plant **design**
pressure vessel **design**
reactor **design**
rocket engine **design**
satellite **design**
spacecraft **design**
structural **design**
systems **design**
use systems engineering
design analysis
structural **design** criteria
design of experiments
use experiment design
multidisciplinary **design** optimization
functional **design** specifications
design to cost
laser target **designators**
desorption
despinning
use spin reduction
destabilization
Destroyer aircraft
use B-66 aircraft
destruction
destructive tests
desulfurizing
desynchronization (biology)
desynchronized sleep
use rapid eye movement state
detachment
sound **detecting** and ranging
detection
acoustic **detection**
use sound detecting and ranging
aircraft **detection**
asteroid **detection**
change **detection**
correlation **detection**
edge **detection**
explosives **detection**
fault **detection**
flaw **detection**
use nondestructive tests
forest fire **detection**
haze **detection**
high altitude nuclear **detection**
missile **detection**
radar **detection**
signal **detection**
ultrasonic flaw **detection**

radio **detection** and ranging
use radar
space **detection** and tracking system
error **detection** codes
airport surface **detection** equipment
boundary **detection** (imagery)
use edge detection
Golay **detector** cells
detectors
electron **detectors**
use electron counters
FLIR **detectors**
forward looking infrared **detectors**
use FLIR detectors
gas **detectors**
infrared **detectors**
life **detectors**
mine **detectors**
moisture **detectors**
use moisture meters
neutron **detectors**
use neutron counters
oxygen **detectors**
use oxygen analyzers
particle **detectors**
use radiation counters
phase **detectors**
photoelectromagnetic **detectors**
use photoelectromagnetic effects
radiation measuring instruments
radiation **detectors**
signal **detectors**
silicon radiation **detectors**
smoke **detectors**
sound **detectors**
use sound transducers
squid **(detectors)**
synchronous **detectors**
use correlators
ultraviolet **detectors**
x ray **detectors**
threshold **detectors** (dosimeters)
detergents
deterioration
Hill **determinant**
determinants
determination
use measurement
age **determination**
use chronology
airborne range and orbit **determination**
AROD (range-orbit **determination)**
minimum variance orbit **determination**
MINIVAR orbit **determination**
use minimum variance orbit determination
radioactive age **determination**
size **determination**
Goddard Trajectory **Determination** System
detonable gas mixtures
detonation
detonation waves
detonators
deuterides
deuterium
deuterium compounds
deuterium fluoride lasers
use DF lasers
deuterium fluorides

hydrogen **deuterium** oxide
use heavy water
deuterium oxides
use heavy water
deuterium plasma
deuteron irradiation
deuterons
photographic **developers**
developers (photography)
use photographic developers
developing nations
development
economic **development**
engineering **development**
use product development
evolution **(development)**
personnel **development**
product **development**
research and **development**
urban **development**
weapons **development**
software **development** tools
deviation
phase **deviation**
standard **deviation**
child **device**
devices
air bag restraint **devices**
aircraft launching **devices**
alpha plasma **devices**
antiskid **devices**
antistatic **devices**
use static dischargers
B-A-W **devices**
use bulk acoustic wave devices
bubble memory **devices**
bucket brigade **devices**
bulk acoustic wave **devices**
cartridge actuated **devices**
use actuators
explosive devices
CATT **devices**
charge coupled **devices**
charge flow **devices**
charge injection **devices**
charge transfer **devices**
chips (memory **devices)**
collision warning **devices**
use collision avoidance
warning systems
compact disk read-only memory **devices**
use optical disks
computer storage **devices**
control **devices**
use control equipment
controlled avalanche transit time **devices**
use CATT devices
cyclotron resonance **devices**
disconnect **devices**
display **devices**
drag **devices**
electroexplosive **devices**
use initiators (explosives)
electromechanical **devices**
energy storage **devices**
use energy storage
error correcting **devices**
explosive **devices**

fanlift **devices**
use lift fans
focal plane **devices**
gradient index **devices**
use gradient index optics
heat rejection **devices**
use heat radiators
heterojunction **devices**
homing **devices**
inflatable **devices**
use inflatable structures
inlets **(devices)**
launching **devices**
use launchers
lift **devices**
lunar escape **devices**
mechanical **devices**
microminiaturized electronic **devices**
microstrip **devices**
nanostructures **(devices)**
NDM semiconductor **devices**
negative resistance **devices**
nuclear **devices**
optoelectronic **devices**
photoelectrochemical **devices**
plasma display **devices**
praetersonic **devices**
programmable logic **devices**
propellant actuated **devices**
prosthetic **devices**
O **devices**
read-only memory **devices**
retarders **(devices)**
ROM **devices**
use read-only memory devices
safety **devices**
sampling **devices**
use samplers
S-A-W **devices**
use surface acoustic wave devices
scanning **devices**
use scanners
self erecting **devices**
self repairing **devices**
semiconductor **devices**
solid state **devices**
stimulated emission **devices**
superconducting **devices**
surface acoustic wave **devices**
timing **devices**
tokamak **devices**
training **devices**
transferred electron **devices**
TRAPATT **devices**
warning **devices**
use warning systems
yo-yo **devices**
positioning **devices** (machinery)
devitrification
use crystallization
Korteweg- **Devries** equation
dew
dew point
Dewar systems
use cryogenic equipment
dewatering
dewaxing
dewetting
use drying
dextrans
DF
use deuterium fluorides
DF lasers
DH 106 aircraft
use Comet 4 aircraft
de Havilland **DH** 106 aircraft
use Comet 4 aircraft
DH 112 aircraft
de Havilland **DH** 112 aircraft
use DH 112 aircraft
DH 115 aircraft
de Havilland **DH** 115 aircraft
use DH 115 aircraft
DH 121 aircraft
de Havilland **DH** 121 aircraft
use DH 121 aircraft
DH 125 aircraft
de Havilland **DH** 125 aircraft
use DH 125 aircraft
DHC 2 aircraft
DHC 4 aircraft
de Havilland **DHC** 4 aircraft
use DHC 4 aircraft
DHC 5 aircraft
de Havilland **DHC** 5 aircraft
use DHC 5 aircraft
DHC Beaver aircraft
use DHC 2 aircraft
diabetes mellitus
Diademe satellites
diagnosis
plasma **diagnostics**
C-M **diagram**
use color-magnitude diagram
color-color **diagram**
color-magnitude **diagram**
Hertzsprung-Russell **diagram**
HR **diagram**
use Hertzsprung-Russell diagram
Hubble **diagram**
Mollier **diagram**
Nyquist **diagram**
diagrams
bending **diagrams**
block **diagrams**
circuit **diagrams**
constitutional **diagrams**
use phase diagrams
creep **diagrams**
enthalpy-entropy **diagrams**
use Mollier diagram
equilibrium **diagrams**
use phase diagrams
eutectic **diagrams**
use phase diagrams
fatigue **diagrams**
use S-N diagrams
Feynman **diagrams**
phase **diagrams**
S-N **diagrams**
stress-strain **diagrams**
Venn **diagrams**
DIAL (lidar)
use differential absorption lidar
DIAL satellite
diallyl compounds

diels
dialysis
diamagnetism
Diamant launch vehicle
solar **diameter**
diameters
methylene **diamine**
diamines
diamond films
diamond wings
  use low aspect ratio wings
    swept wings
diamonds
meteoritic **diamonds**
diaphragm (anatomy)
diaphragms
diaphragms (mechanics)
diastole
diastolic pressure
diatomic gases
diatomic molecules
diatoms (unicellular plants)
  use algae
DIB
  use diffuse interstellar bands
dibasic compounds
diborane
dibromides
dibutyl compounds
dicarboxylic acids
dichlorides
dichlorodiphenyltrichloroethane
  use DDT
dichotomies
dichroism
dichromates
  use chromates
Dicke radiometers
Dicke type radiometers
  use Dicke radiometers
dictionaries
didymium
dieldrin
dielectric constant
  use permittivity
dielectric materials
  use dielectrics
dielectric permeability
dielectric polarization
dielectric properties
dielectrics
dielectronic satellite lines
  use resonance lines
Diels-Alder reactions
diencephalon
dienes
dies
diesel engines
diesel fuels
diethyl compounds
diethyl ether
diethyl hydrogen phosphite (DEHP)
diets
negative **diff** mobility semiconductors
  use NDM semiconductor devices
difference equations
flux **difference** splitting
Roe flux **difference** splitting scheme
  use flux difference splitting
finite **difference** theory
differences
temperature **differences**
  use temperature gradients
backward **differencing**
differential absorption lidar
differential algebra
  use differential calculus
    matrices (mathematics)
differential amplifiers
differential analyzers
differential calculus
Duffing **differential** equation
differential equations
elliptic **differential** equations
hyperbolic **differential** equations
parabolic **differential** equations
partial **differential** equations
differential geometry
differential interferometry
differential operators
  use differential equations
    operators (mathematics)
differential pressure
differential pulse code modulation
differential thermal analysis
  use thermal analysis
differentiation
numerical **differentiation**
differentiation (biology)
differentiators
diffraction
electron **diffraction**
Fresnel **diffraction**
geometrical theory of **diffraction**
neutron **diffraction**
pulse **diffraction**
wave **diffraction**
x ray **diffraction**
diffraction gratings
  use gratings (spectra)
diffraction limited cameras
diffraction optics
  use diffractive optics
diffraction paths
diffraction patterns
diffraction propagation
diffraction radiation
diffraction telescopes
  use spectroscopic telescopes
diffractive optics
diffractometers
diffuse interstellar bands
diffuse radiation
diffusers
exhaust **diffusers**
shock **diffusers**
  use diffusers
    shock wave attenuation
supersonic **diffusers**
vaneless **diffusers**
diffusion
ambipolar **diffusion**
atmospheric **diffusion**
eddy **diffusion**
  use turbulent diffusion

electron **diffusion**
gas **diffusion**
use gaseous diffusion
gaseous **diffusion**
gaseous self- **diffusion**
ionic **diffusion**
magnetic **diffusion**
molecular **diffusion**
particle **diffusion**
plasma **diffusion**
species **diffusion**
surface **diffusion**
thermal **diffusion**
turbulent **diffusion**
diffusion bonding
use diffusion welding
diffusion coefficient
diffusion-convection equation
diffusion effect
use diffusion
diffusion electrodes
convection- **diffusion** equation
reaction- **diffusion** equations
diffusion flames
diffusion length
diffusion pumps
self **diffusion** (solid state)
diffusion theory
diffusion waves
diffusion welding
diffusivity
thermal **diffusivity**
difluorides
difluoro compounds
difluoroureas
digesting
digestive system
binary systems **(digital)**
ternary systems **(digital)**
digital circuits
use digital electronics
digital command systems
digital communication
use pulse communication
digital computers
analog to **digital** converters
digital data
digital electronics
digital filters
digital integrators
digital navigation
digital radar systems
digital simulation
digital spacecraft television
digital systems
digital techniques
digital television
digital to analog converters
digital to voice translators
digital transducers
digitalis
digitizers
use analog to digital converters
digits
binary **digits**
dihedral angle
dihedral effect
use lateral stability

dihydrazine
ethylene **dihydrazine**
dihydrides
dihydroxyphenylalanine
use dopa
diisocyanates
dikes (geology)
use rock intrusions
dilatation
use stretching
dilatational waves
dilatometers
use extensometers
dilatometry
diluents
dilution
geometric **dilution** of precision
dimenhydrinate
dimensional analysis
three **dimensional** bodies
two **dimensional** bodies
three **dimensional** boundary layer
two **dimensional** boundary layer
three **dimensional** composites
one **dimensional** flow
three **dimensional** flow
two **dimensional** flow
two **dimensional** jets
dimensional measurement
three **dimensional** models
two **dimensional** models
three **dimensional** motion
dimensional stability
dimensionless numbers
dimensions
size **(dimensions)**
dimercaprol
dimerization
dimers
dimethyl compounds
dimethylhydrazines
total variation **diminishing** schemes
use TVD schemes
diminution
use reduction
dimming
dimpling
Dining Philosophers Problem
dinitrates
varactor **diode** circuits
Diode-Transistor-Logic integ circuits
diodes
avalanche **diodes**
barrier injection transit time **diodes**
use Barritt diodes
Barritt **diodes**
cesium **diodes**
Esaki **diodes**
use tunnel diodes
germanium **diodes**
Gunn **diodes**
IMPATT **diodes**
use avalanche diodes
junction **diodes**
laser **diodes**
use semiconductor lasers
LED **(diodes)**
light emitting **diodes**

metal-insulator-metal **diodes**
use MIM diodes
MIM **diodes**
parametric **diodes**
p-i-n **diodes**
use diodes
p-i-n junctions
plasma **diodes**
Schottky **diodes**
Schottky barrier **diodes**
use Schottky diodes
semiconductor **diodes**
step recovery **diodes**
thermionic **diodes**
TRAPATT **diodes**
use avalanche diodes
tunnel **diodes**
varactor **diodes**
Zener **diodes**
use avalanche diodes
Dione
diophantine equation
diorite
carbon **dioxide**
nitrogen **dioxide**
silicon **dioxide**
titanium **dioxide**
use titanium oxides
carbon **dioxide** concentration
carbon **dioxide** lasers
carbon **dioxide** removal
carbon **dioxide** tension
dioxides
sulfur **dioxides**
diphenyl compounds
diphenyl hydantoin
adenosine **diphosphate**
diphosphates
diphtheria
diplexers
dipole antennas
dipole moments
dipoles
electric **dipoles**
magnetic **dipoles**
orbiting **dipoles**
dipping
Dirac equation
Fermi- **Dirac** statistics
direct broadcast satellites
direct current
direct current generators
use DC generators
direct lift controls
direct numerical simulation
direct power generators
direction
bearing **(direction)**
wind **direction**
radar **direction** finders
use radio direction finders
radio **direction** finders
direction finders (radio)
use radio direction finders
direction finding
alternating **direction** implicit methods
flow **direction** indicators
directional antennas
directional control
directional couplers
directional solidification (crystals)
directional stability
directivity
directories
directors (antenna elements)
Dirichlet problem
dirigibles
use airships
dirt
DIS
use distributed interactive simulation
disabilities
disarmament
disasters
discharge
Penning **discharge**
radio frequency **discharge**
ring **discharge**
toroidal **discharge**
Townsend **discharge**
discharge coefficient
gas **discharge** counters
use counters
gas discharge tubes
discharge tubes
use gas discharge tubes
gas **discharge** tubes
dischargers
static **dischargers**
arc **discharges**
corona **discharges**
use electric corona
electric **discharges**
electrodeless **discharges**
gas **discharges**
glow **discharges**
multipactor **discharges**
plasma **discharges**
use plasma jets
spark **discharges**
use electric sparks
disciplining
discoloration
disconnect devices
disconnectors
use disconnect devices
discontinuity
shock **discontinuity**
Discos (satellite attitude control)
Discoverer recovery capsules
Discoverer satellites
discovering
use exploration
Discovery (Orbiter)
discrete address beacon system
discrete cosine transform
discrete functions
discretization (mathematics)
discriminant analysis (statistics)
discriminant functions
use discriminant analysis (statistics)
discrimination
brightness **discrimination**
sensory **discrimination**
speech **discrimination**
use speech recognition
tactile **discrimination**
time **discrimination**

visual **discrimination**
discriminators
Fraunhofer line **discriminators**
frequency **discriminators**
signal **discriminators**
use signal detectors
discussion
AIDS **(disease)**
coronary artery **disease**
Parkinson **disease**
diseased vegetation
use plant diseases
diseases
allergic **diseases**
bacterial **diseases**
eye **diseases**
fungal **diseases**
heart **diseases**
infectious **diseases**
kidney **diseases**
metabolic **diseases**
occupational **diseases**
parasitic **diseases**
plant **diseases**
respiratory **diseases**
rheumatic **diseases**
tooth **diseases**
toxic **diseases**
viral **diseases**
dishes
use parabolic reflectors
disilicides
disinfectants
use antiseptics
disintegration
solar **disk**
use sun
disk galaxies
disk operating system (DOS)
compact **disk** read-only memory devices
use optical disks
disks
accretion **disks**
actuator **disks**
intervertebral **disks**
magnetic **disks**
optical **disks**
rotating **disks**
rotor **disks**
use turbine wheels
video **disks**
disks (shapes)
crystal **dislocations**
edge **dislocations**
screw **dislocations**
dislocations (materials)
order- **disorder** transformations
disorders
disorientation
dispatching
use distributing
dispensers
cloud **dispersal**
fog **dispersal**
dispersing
dispersion
magnetic **dispersion**
plasma **dispersion**
use plasma diffusion
wave **dispersion**
dispersion precipitation hardening
use precipitation hardening
high **dispersion** spectrographs
dispersion strengthening
oxide **dispersion** strengthening
dispersions
displacement
crack opening **displacement**
displacement measurement
particle image **displacement** velocimetry
use particle image velocimetry
display devices
plasma **display** devices
display systems
use display devices
F **displays**
use F region
flat panel **displays**
head-up **displays**
helmet mounted **displays**
HMD **(displays)**
radar **displays**
use radarscopes
visual **displays**
use display devices
disposal
waste **disposal**
hazardous material **disposal** (in space)
disrupting
dissection
image **dissector** tubes
information **dissemination**
selective **dissemination** of information
dissipation
energy **dissipation**
heat **dissipation**
use cooling
ohmic **dissipation**
heat **dissipation** chilling
use cooling
dissipators
use dissipation
dissociation
gas **dissociation**
heat of **dissociation**
molecular **dissociation**
use dissociation
thermal **dissociation**
dissolution
use dissolving
dissolved gases
dissolved organic matter
dissolving
dissymmetry
use asymmetry
distance
miss **distance**
distance measuring equipment
distance perception
use space perception
distillation
stripping **(distillation)**
distillation equipment
distortion
flow **distortion**
signal **distortion**

surface **distortion**
distributed amplifiers
distributed Bragg reflector lasers
use DBR lasers
distributed feedback lasers
distributed interactive simulation
distributed memory
distributed parameter systems
distributed processing
distributing
distribution
angular **distribution**
Boltzmann **distribution**
brightness **distribution**
charge **distribution**
circulation **distribution**
current **distribution**
density **distribution**
electron **distribution**
energy **distribution**
flow **distribution**
force **distribution**
frequency **distribution**
geographic **distribution**
hole **distribution**
horizontal **distribution**
ion **distribution**
lift **distribution**
use force distribution
lift
mass **distribution**
moment **distribution**
neutron **distribution**
normal force **distribution**
use force distribution
particle size **distribution**
pattern **distribution**
use distribution (property)
pressure **distribution**
radial **distribution**
radiation **distribution**
Rayleigh **distribution**
size **distribution**
spatial **distribution**
spectral energy **distribution**
star **distribution**
strain **distribution**
stress **distribution**
temperature **distribution**
temporal **distribution**
thrust **distribution**
velocity **distribution**
vertical **distribution**
amplitude **distribution** analysis
Maxwellian **distribution** (density)
use Maxwell-Boltzmann density function
hole **distribution** (electronics)
load **distribution** (forces)
distribution functions
probability **distribution** functions
hole **distribution** (mechanics)
distribution moments
distribution (property)
Gaussian **distributions**
use normal density functions
normal **distributions**
use normal density functions

Pearson **distributions**
random **distributions**
use statistical distributions
statistical **distributions**
distributors
District of Columbia
satellite attitude **disturbance**
use attitude stability
spacecraft stability
disturbance theory
use perturbation theory
disturbances
ionospheric **disturbances**
magnetic **disturbances**
shear **disturbances**
use S waves
SID (ionospheric **disturbances)**
sudden ionospheric **disturbances**
traveling ionospheric **disturbances**
vortex **disturbances**
use vortices
disturbing functions
carbon **disulfide**
disulfides
molybdenum **disulfides**
ditches
ditching
ditching (excavation)
use excavation
ditching (landing)
dithers
dithiols
use thiols
diuresis
diuretics
diurnal rhythms
use circadian rhythms
diurnal variations
divergence
divergent nozzles
convergent-**divergent** nozzles
biological **diversity**
genetic **diversity**
use biological diversity
reception **diversity**
space **diversity**
use reception diversity
diverters
divertors (fusion reactors)
dividers
frequency **dividers**
divides (landforms)
dividing (mathematics)
diving (underwater)
division
cell **division**
code **division** multiple access
frequency **division** multiple access
time **division** multiple access
code **division** multiplexing
frequency **division** multiplexing
time **division** multiplexing
wavelength **division** multiplexing
DIVOT (voice translators)
use digital to voice translators
Djibouti
DME-A satellite
DMSP satellites

DNA
use deoxyribonucleic acid
recombinant **DNA**
use deoxyribonucleic acid
DNS (numerical analysis)
use direct numerical simulation
DO-27 aircraft
Dornier **DO-27** aircraft
DO-28 aircraft
Dornier **DO-28** aircraft
DO-31 aircraft
Dornier **DO-31** aircraft
DO-328 aircraft
docking
use spacecraft docking
offshore **docking**
spacecraft **docking**
multiple **docking** adapters
spacecraft **docking** modules
document markup languages
document storage
documentation
indexes **(documentation)**
documents
journals **(documents)**
Dodge satellite
Hound **Dog** missile
doghouses (electronics)
dogs
dollies
dolomite (mineral)
dolphins
domain wall
domains
magnetic **domains**
domes
domes (geology)
domes (structural forms)
domestic energy
domestic satellite communications systems
dominance
eye **dominance**
vector **dominance** model
Dominica
Dominican Republic
Domino propellants
Donnell equations
donor materials
doors
exits **(doors)**
dops
dopamine
doped crystals
modulation **doped** fets
use MODFETS
dopes
modulation **doping**
doping (additives)
use additives
Doppler effect
Doppler-Fizeau effect
Doppler navigation
satellite **doppler** positioning
Doppler radar
pulse **Doppler** radar
stellar **Doppler** shift
use Doppler effect
polystation **doppler** tracking system
laser **doppler** velocimeters
Dornier aircraft
Dornier DO-27 aircraft
use DO-27 aircraft
Dornier DO-28 aircraft
use DO-28 aircraft
Dornier DO-31 aircraft
use DO-31 aircraft
Dornier paraglider rocket vehicle
dorsal sections
disk operating system **(DOS)**
dosage
radiation **dosage**
sublethal **dosage**
dose
use dosage
dosimeters
threshold detectors **(dosimeters)**
dosimetry
use dosimeters
quantum **dots**
double base propellants
double base rocket propellants
double cusps
double precision arithmetic
double sideband transmission
double stars
period **doubling**
doughnut shape wheels
use toroidal wheels
Douglas aircraft
McDonnell **Douglas** aircraft
Douglas D-558 aircraft
use D-558 aircraft
Douglas DC-3 aircraft
use DC 3 aircraft
Douglas DC-7 aircraft
use DC 7 aircraft
Douglas DC-8 aircraft
use DC 8 aircraft
Douglas DC-9 aircraft
use DC 9 aircraft
Douglas PD-808 aircraft
use PD-808 aircraft
Piaggio- **Douglas** PD-808 aircraft
DOVAP
use Doppler effect
down-converters
head **down** tilt
downbursts
downlinking
downrange
Downrange Antimissile Measurement Program
downrange measurement
downtime
downwash
DPCM (modulation)
use differential pulse code modulation
Draconid meteoroids
draft
draft (gas flow)
drafting (drawing)
drafting machines
drag
aerodynamic **drag**
electrostatic **drag**
friction **drag**

induced **drag**
interference **drag**
minimum **drag**
nonequilibrium **drag**
use friction drag
pressure **drag**
satellite **drag**
supersonic **drag**
viscous **drag**
wave **drag**
drag balance
use aerodynamic balance
lift drag ratio
drag chutes
drag coefficients
drag devices
drag effect
use drag
drag force anemometers
drag measurement
lift **drag** ratio
drag reduction
Jet **Dragon** aircraft
use DH 125 aircraft
dragulators
use brakes (for arresting motion)
drag devices
drainage
dendritic **drainage**
use drainage patterns
interlacing **drainage**
use drainage patterns
rectangular **drainage**
use drainage patterns
drainage patterns
radial **drainage** patterns
use drainage patterns
draining
use drainage
drawing
bundle **drawing**
cold **drawing**
deep **drawing**
drafting **(drawing)**
metal **drawing**
drawings
elevations **(drawings)**
engineering **drawings**
mechanical **drawings**
use engineering drawings
DRC (capsule)
use Discoverer recovery capsules
dreams
dredged materials
dredging
drift
continental **drift**
glacial **drift**
gyroscopic **drift**
use gyroscopes
gyroscopic stability
instrument **drift**
use drift (instrumentation)
ionospheric **drift**
littoral **drift**
plasma **drift**
drift (instrumentation)
drift rate
drill bits

drilling
laser **drilling**
drills
drinking
helicopter propeller **drive**
jet **drive**
use jet propulsion
propeller **drive**
surface tension **driven** convection
tip **driven** rotors
mass **drivers**
drives
mechanical **drives**
rotary **drives**
use mechanical drives
wind tunnel **drives**
drogue parachutes
use drag chutes
drogues
use towed bodies
drone aircraft
Firebee 2 target **drone** aircraft
target **drone** aircraft
drone helicopters
use drone aircraft
helicopters
drone vehicles
Drones for Aerodynamic and Struct Test
use DAST program
drooped airfoils
drop
friction pressure **drop**
use skin friction
pressure **drop**
drop calorimeters
air **drop** operations
drop size
drop tests
drop towers
drop transfer
drop tubes
use drop towers
drop weight tests
use drop tests
dropouts
electron-hole **drops**
liquid **drops**
use drops (liquids)
drops (liquids)
dropsondes
Drosophila
drought
drought conditions
use drought
drowsiness
use sleep
drug therapy
use chemotherapy
drugs
antiradiation **drugs**
motion sickness **drugs**
psychotropic **drugs**
vasoconstrictor **drugs**
drumlins
use glacial drift
drums
magnetic **drums**
drums (containers)

dry cells
dry friction
dry heat
drydocks
dryers (equipment)
use drying apparatus
drying
freeze **drying**
drying apparatus
DSIF (instrumentation facility)
use Deep Space Instrumentation Facility
Gyrodyne **DSN-3** helicopter
DSN helicopter
use QH-50 helicopter
DSN (space network)
use Deep Space Network
DSSSL
use document markup languages
DTA (analysis)
use thermal analysis
DTL integrated circuits
DTMB-111 ground effect machine
DTMB-430 ground effect machine
Dual Air Density Explorer
dual frequency radar
use multispectral radar
dual mode propulsion
use hybrid propulsion
dual spin spacecraft
dual thrust nozzles
dual wing configurations
duality principle
duality theorem
duct geometry
ducted bodies
ducted fan engines
ducted fans
ducted flow
ducted propellers
use shrouded propellers
ducted rocket engines
ductile-brittle transition
brittle- **ductile** transition
ductility
ducts
acoustic **ducts**
air **ducts**
annular **ducts**
Duffing differential equation
dullness
use luster
dummies
dummy loads
use impedance
loading
output
dump combustors
dumping
Dunaliella
dunes
coastal **dunes**
use dunes
sand **dunes**
use dunes
Dungeys wind shear mechanism
use wind shear
Klein- **Dunham** potential
dunite

duochromators
duoplasmatrons
duplex operation
duplexers
duplicating
use reproduction (copying)
durability
life **(durability)**
lifetime **(durability)**
duration
use time
light **duration**
use flash
pulse duration
pulse **duration**
Long **Duration** Exposure Facility
pulse **duration** modulation
extended **duration** space flight
use long duration space flight
long **duration** space flight
durene
Richardson- **Dushman** equation
dust
cosmic **dust**
interplanetary **dust**
lunar **dust**
meteoritic **dust**
use micrometeoroids
zodiacal **dust**
terrestrial **dust** belt
meteoroid **dust** clouds
dust collectors
dust storms
crop **dusting**
dwarf galaxies
dwarf novae
dwarf stars
brown **dwarf** stars
red **dwarf** stars
white **dwarf** stars
dwell
dyadics
dye lasers
dyes
Dyna-Soar space glider
dynamic characteristics
dynamic control
dynamic loads
dynamic models
dynamic modulus of elasticity
solar **dynamic** power systems
dynamic pressure
dynamic programming
dynamic properties
use dynamic characteristics
dynamic range
dynamic response
dynamic stability
dynamic structural analysis
dynamic tests
dynamical systems
dynamics
cascades (fluid **dynamics)**
chiral **dynamics**
computational fluid **dynamics**
crustal **dynamics**
use Earth crust
geodynamics
fluid **dynamics**

gas **dynamics**
group **dynamics**
molecular **dynamics**
ocean **dynamics**
panel method (fluid **dynamics)**
plasma **dynamics**
rarefied gas **dynamics**
robot **dynamics**
rotor **dynamics**
solar **dynamics**
use helioseismology
spin **dynamics**
stabilizers (fluid **dynamics)**
structural **dynamics**
use dynamic structural analysis
General **Dynamics** aircraft
Dynamics Explorer 1 satellite
Dynamics Explorer 2 satellite
Dynamics Explorer satellites
dynamite
dynamo theory
dynamometers
dynamos
use rotating generators
dynodes
Dyson theory
dyspnea
dysprosium
dysprosium 161
use dysprosium isotopes
dysprosium compounds
dysprosium isotopes

E

AIMP- **E**
Atmosphere Explorer **E**
use Explorer 55 satellite
Earth Resources Technology Satellite **E**
use Landsat E
ERTS- **E**
IMP- **E**
Landsat **E**
Lunar Orbiter **E**
use Lunar Orbiter 5
NOAA **E**
use NOAA 8 satellite
OGO- **E**
OSO- **E**
Space Shuttle mission 51- **E**
Space Shuttle mission 61- **E**
vitamin **E**
use tocopherol
E-1 layer
E-2 aircraft
E-2 layer
E-3A aircraft
E-4A aircraft
E glass
Atlas **E** ICBM
night **E** layer
use E region
night sky
sporadic **E** layer
E layers
use E region
E region
AE- **E** satellite
TIROS **E** satellite
use TIROS 5 satellite
EAI 680 computer
EAI 8400 computer
EAI 8900 computer
ear
middle **ear**
middle **ear** pressure
ear pressure test
ear protectors
eardrums
Early Apollo Surface Experiments Package
use EASEP
Early Bird satellites
early stars
Ballistic Missile **Early** Warning System
early warning systems
earphones
artificial **ears**
hydrosphere **(Earth)**
Mission to Planet **Earth**
space observations (from **Earth)**
Earth & Ocean Physics Applications Program
Earth albedo
rare **earth** alloys
Near **Earth** Asteroid Rendezvous Mission
Earth atmosphere
primitive **Earth** atmosphere
Earth axis
alkaline **earth** compounds
rare **earth** compounds
Earth core
Earth crust
Earth cryosphere
Earth currents
use telluric currents
rare **earth** elements
Earth Energy Budget Experiment
use LZEEBE satellite
Zonal **Earth** Energy Budget Experiment
use LZEEBE satellite
Long Term Zonal **Earth** Energy Experiment
use LZEEBE satellite
Earth environment
International Sun **Earth** Explorer 1
International Sun **Earth** Explorer 2
International Sun **Earth** Explorer 3
International Sun **Earth** Explorers
Earth figure
use geodesy
Earth gravitation
Earth hydrosphere
Earth ionosphere
Earth-ionosphere waveguide
Earth limb
Earth magnetosphere
Earth magnetotail
use geomagnetic tail
Earth mantle
Earth-Mars trajectories
Earth-Mercury trajectories
alkaline **earth** metals
Earth-Moon system
Earth-Moon trajectories
Earth motion

Earth movements
nap-of-the- **earth** navigation
Origin of Plasmas in **Earth** Neighborhood
use OPEN Project
Earth observations (from space)
Synchronous **Earth** Observatory satellite
Earth Observing System (EOS)
Earth orbital environments
Geosynchronous **Earth** Orbital Environments
use Earth orbital environments
low **Earth** orbital environments
use Earth orbital environments
Earth orbital rendezvous
Earth orbiting space stations
use space stations
Earth orbits
low **earth** orbits
Earth orientation
alkaline **earth** oxides
Earth (planet)
Earth planetary structure
Earth radiation
use terrestrial radiation
Earth radiation budget
Earth radiation budget experiment
Earth resources
Earth Resources Experiment Package
use EREP
Earth Resources Information System
Earth Resources Observation Satellites
use EROS (satellites)
Earth Resources Program
Earth resources shuttle imaging radar
use Shuttle Imaging Radar
Earth Resources Survey aircraft
Earth Resources Survey Program
Earth Resources Technology Satellite 1
use Landsat 1
Earth Resources Technology Satellite B
use Landsat 2
Earth Resources Technology Satellite C
use Landsat 3
Earth Resources Technology Satellite D
use Landsat 4
Earth Resources Technology Satellite E
use Landsat E
Earth Resources Technology Satellite F
use Landsat F
Earth Resources Technology Satellites
use Landsat satellites
Earth rotation
Earth sciences
Earth shape
use geodesy
return to **Earth** space flight
mantle **(Earth** structure)
Earth surface
Earth terminal measurement system
Earth terminals
Earth tides
moon- **Earth** trajectories

Earth–Venus trajectories
Earth Viewing Applications Laboratory
Earthnet
earthquake damage
earthquake resistance
earthquake resistant structures
earthquakes
EASEP
Middle **East**
East Germany
East Pakistan
use Bangladesh
Eastern Hemisphere
eating
Ebert spectrometers
EBF
use externally blown flaps
EBR–1 reactor
EBR–2 reactor
ebullition
use boiling
EBWR (reactor)
use experimental boiling water reactors
EC–121 aircraft
EC–135 aircraft
Eccentric Geophysical Observatory
use EGO
High **Eccentric** Lunar Occultation Satellite
use Exosat satellite
Eccentric Orbit Geophysical Observatory
use EGO
Highly **Eccentric** Orbit satellites
use HEOS satellites
eccentric orbits
eccentricity
eccentrics
echelette gratings
echelle gratings
echelon faults
use geological faults
Echo 1 carrier rocket
use Thor Delta launch vehicle
Echo 1 satellite
Echo 2 satellite
Echo project
Echo satellites
echo sounding
echo suppressors
echocardiography
echoencephalography
echoes
auroral **echoes**
lunar **echoes**
lunar radar **echoes**
radar **echoes**
radio **echoes**
solar radar **echoes**
Venus radar **echoes**
eclipse project
eclipses
lunar **eclipses**
solar **eclipses**
eclipsing binary stars
ecliptic
eclogite
Central Atlantic Regional **Ecol** Test Site

ecological systems
use ecosystems
closed **ecological** systems
ecology
coastal **ecology**
econometrics
economic analysis
economic development
economic factors
economic impact
economics
demand **(economics)**
economy
ecosystems
ECS
use European Communications Satellite
Ecuador
eddies
use vortices
Eddington approximation
eddy currents
eddy diffusion
use turbulent diffusion
large **eddy** simulation
eddy viscosity
edema
edge cracks
edge detection
edge dislocations
leading **edge** flaps
trailing **edge** flaps
edge loading
leading **edge** slats
leading **edge** sweep
leading **edge** thrust
edges
blunt leading **edges**
blunt trailing **edges**
leading **edges**
sharp leading **edges**
trailing **edges**
editing
editing routines (computers)
EDTA
use ethylenediaminetetraacetic acids
education
Health- **Education** Telecommunications exp
educational television
Prince **Edward** Island
EEG (electroencephalograms)
use electroencephalography
Auger **effect**
Barkhausen **effect**
Bauschinger **effect**
Brillouin **effect**
brown wave **effect**
capture **effect**
Cerenkov **effect**
use Cerenkov radiation
Coanda **effect**
Compton **effect**
Coriolis **effect**
diffusion **effect**
use diffusion
dihedral **effect**
use lateral stability
Doppler **effect**
Doppler-Fizeau **effect**
drag **effect**
use drag
electro-optical **effect**
electroseismic **effect**
use electric current
seismic waves
Ettingshausen **effect**
Faraday **effect**
Fizeau **effect**
Forbush **effect**
use Forbush decreases
green wave **effect**
greenhouse **effect**
Gunn **effect**
Hall **effect**
hydrodynamic ram **effect**
isotope **effect**
Jahn-Teller **effect**
Joule-Thomson **effect**
Kerr electrooptical **effect**
Kerr magnetooptical **effect**
Kirkendall **effect**
Kondo **effect**
Luxembourg **effect**
Magnus **effect**
Meissner **effect**
use diamagnetism
superconductivity
Mossbauer **effect**
Nernst-Ettingshausen **effect**
nonohmic **effect**
nuclear explosion **effect**
Overhauser **effect**
Penning **effect**
photoelectric **effect**
photomechanical **effect**
photovoltaic **effect**
pinch **effect**
PLC **effect**
use Portevin-le Chatelier effect
Pockels **effect**
use birefringence
Portevin-le Chatelier **effect**
Poynting-Robertson **effect**
Raman **effect**
use Raman spectra
Ramsauer **effect**
Sagnac **effect**
scale **effect**
Schach **effect**
Schottky **effect**
use work functions
screen **effect**
Seebeck **effect**
snowplow **effect**
use plasma dynamics
Stark **effect**
Suhl **effect**
sweep **effect**
Thomson **effect**
use thermoelectricity
Umkehr **effect**
Voigt **effect**
Zeeman **effect**
Zener **effect**
ground **effect** (aerodynamics)
ground **effect** (communications)
proximity **effect** (electricity)

ram **effect** (hydrodynamics)
use hydrodynamic ram effect
Cushioncraft ground **effect** machine
DTMB-111 ground **effect** machine
use ground effect machines
DTMB-430 ground **effect** machine
use ground effect machines
SR-N2 ground **effect** machine
use Westland ground effect machines
SR-N3 ground **effect** machine
use Westland ground effect machines
SR-N5 ground **effect** machine
use Westland ground effect machines
Westland SR-N2 ground **effect** machine
use Westland ground effect machines
Westland SR-N3 ground **effect** machine
use Westland ground effect machines
Westland SR-N5 ground **effect** machine
use Westland ground effect machines
ground **effect** machines
HD-1 ground **effect** machines
use hovercraft ground effect machines
hovercraft ground **effect** machines
Westland ground **effect** machines
surface **effect** ships
field **effect** transistors
junction field **effect** transistors
use JFET
effective perceived noise levels
effectiveness
cost **effectiveness**
system **effectiveness**
relative biological **effectiveness** (RBE)
effectors
end **effectors**
effects
atmospheric **effects**
biological **effects**
chemical **effects**
compressibility **effects**
environment **effects**
free stream **effects**
use free flow
galvanomagnetic **effects**
geomagnetic **effects**
use magnetic effects
gravitational **effects**
heat **effects**
use temperature effects
jet blast **effects**
Kerr **effects**
long term **effects**
lunar **effects**
lunar gravitational **effects**
magnetic **effects**
many electron **effects**
Moire **effects**
pathological **effects**
Peltier **effects**
photoelectromagnetic **effects**
photomagnetic **effects**
physiological **effects**
POGO **effects**
pressure **effects**
psychological **effects**
radiation **effects**
reentry **effects**
relativistic **effects**
solar activity **effects**
sterilization **effects**
surface roughness **effects**
temperature **effects**
thermal **effects**
use temperature effects
thermomagnetic **effects**
turbulence **effects**
vacuum **effects**
vibration **effects**
view **effects**
wind **effects**
Combined Release and Radiation **Effects** Sat
use CRRES (satellite)
efferent nervous systems
effervescence
efficiency
charge **efficiency**
combustion **efficiency**
compressor **efficiency**
energy conversion **efficiency**
nozzle **efficiency**
power **efficiency**
propeller **efficiency**
propulsive **efficiency**
quantum **efficiency**
thermal **efficiency**
use thermodynamic efficiency
thermodynamic **efficiency**
transmission **efficiency**
volumetric **efficiency**
Aircraft Energy **Efficiency** program
use ACEE program
Energy **Efficiency** Transport program
use ACEE program
effluents
efflux
effort
effusives
EGCR (reactor)
use experimental gas cooled reactors
eggs
EGO
egress
Egypt
EH-101 helicopter
eigenfunctions
use eigenvectors
eigenstates
use eigenvectors
eigenvalues
eigenvectors
eikonal equation
Bose- **Einstein** condensates
Einstein equations
Einstein Observatory
use HEAO 2
Bose- **Einstein** statistics
einsteinium
einsteinium compounds
EISCAT radar system (Europe)
ejecta

ejection
coronal mass **ejection**
stellar mass **ejection**
ejection injuries
ejection seats
flying **ejection** seats
ejection training
ejectors
Ekman layer
el Nino
El Salvador
Elara
springs **(elastic)**
elastic anisotropy
elastic bars
elastic bending
elastic bodies
elastic buckling
elastic collisions
use elastic scattering
elastic constants
use elastic properties
elastic cylinders
elastic damping
elastic deformation
elastic media
elastic modulus
use modulus of elasticity
elastic plates
elastic properties
elastic scattering
elastic sheets
elastic shells
elastic stability
use damping
elastic strength
use proportional limit
elastic systems
elastic waves
polarized **elastic** waves
elasticity
use elastic properties
compliance **(elasticity)**
dynamic modulus of **elasticity**
modulus of **elasticity**
elasticizers
use plasticizers
elastin
elastodynamics
elastohydrodynamics
elastomers
vulcanized **elastomers**
elastometers
elastoplasticity
elastostatics
Elber equation
elbow (anatomy)
Eldo launch vehicle
Electra aircraft
electrets
breakers **(electric)**
choppers **(electric)**
connectors **(electric)**
contacts **(electric)**
electric aircraft
use fly by wire control
electric appliances
use electric equipment

electric arcs
electric automobiles
electric batteries
electric bridges
electric cells
fission **electric** cells
electric charge
electric choppers
electric circuits
use circuits
electric coils
General **Electric** computers
use GE computers
electric conductors
electric connectors
electric contacts
electric control
electric corona
electric current
electric dipoles
electric discharges
electric energy storage
electric equipment
electric equipment tests
electric field strength
electric fields
electric filters
electric furnaces
electric fuses
electric generators
electric hybrid vehicles
electric ignition
electric impulses
use electric pulses
electric moments
electric motor vehicles
electric motors
electric networks
electric outlets
electric potential
electric power
electric power conversion
use electric generators
nuclear **electric** power generation
electric power plants
solar thermal **electric** power plants
electric power supplies
electric power transmission
electric propulsion
nuclear **electric** propulsion
solar **electric** propulsion
electric pulses
electric reactors
electric relays
electric rocket engines
space **electric** rocket tests
Advanced Reconn **Electric** Spacecraft
electric sparks
electric stimuli
electric switches
electric terminals
electric welding
electric wire
electric wiring
use electric wire
wiring
jacks **(electrical)**
mismatch **(electrical)**

electrical breakdown
use electrical faults
electrical conductivity
use electrical resistivity
electrical conductivity meters
brushes (**electrical** contacts)
electrical energy
use electric power
electrical engineering
electrical faults
electrical grounding
electrical impedance
electrical insulation
electrical leads
use electric conductors
rotating **electrical** machines
electrical measurement
electrical properties
electrical resistance
electrical resistivity
electrically suspended gyroscopes
use electrostatic gyroscopes
electricity
atmospheric **electricity**
proximity effect (**electricity**)
static **electricity**
electrification
electro-optical effect
electro-optical photography
electro-optical switching
electro-optics
electroacoustic transducers
electroacoustic waves
electroacoustics
electroanesthesia
electrocardiograms
use electrocardiography
electrocardiography
electrocatalysts
electrochemical cells
electrochemical corrosion
electrochemical machining
electrochemical oxidation
electrochemistry
electrochromism
electroconductivity
use electrical resistivity
electrocutaneous communication
electrode dark current
use dark current
electrode film barriers
electrode materials
electrodeless discharges
electrodeposition
electrodermal response
use galvanic skin response
electrodes
diffusion **electrodes**
glass **electrodes**
ion selective **electrodes**
plasma **electrodes**
solid **electrodes**
implanted **electrodes** (biology)
electrodialysis
electrodissolution
electrodynamics
quantum **electrodynamics**

electrodynamometers
use dynamometers
electroencephalogram
use electroencephalography
EEG (**electroencephalograms**)
electroencephalography
electroepitaxy
electroerosion
use spark machining
electroexplosive devices
use initiators (explosives)
electroforming
electrogenerators
use electric generators
electrohydraulic control
use electric control
hydraulic control
electrohydraulic forming
electrohydrodynamics
equatorial **electrojet**
electrojets
auroral **electrojets**
electrokinetics
electroless deposition
electroluminescence
electroluminescent lamps
use electroluminescence
luminaires
electrolysis
electrolyte metabolism
electrolytes
ion exchange membrane **electrolytes**
molten salt **electrolytes**
nonaqueous **electrolytes**
solid **electrolytes**
electrolytic cells
electrolytic grinding
use electrochemical machining
electrolytic polarization
electrolytic polishing
use electropolishing
power density (**electromagnetic**)
electromagnetic absorption
electromagnetic acceleration
electromagnetic compatibility
electromagnetic control
use electromagnets
remote control
electromagnetic coupling
electromagnetic deduction
use magnetic induction
electromagnetic environment
experiment
electromagnetic fields
electromagnetic hammers
plasma- **electromagnetic** interaction
electromagnetic interactions
electromagnetic interference
electromagnetic measurement
electromagnetic missiles
electromagnetic noise
electromagnetic noise measurement
electromagnetic propagation
use electromagnetic wave
transmission
electromagnetic properties
electromagnetic propulsion
electromagnetic pulses
system generated **electromagnetic** pulses

electromagnetic pumps
electromagnetic radiation
coherent **electromagnetic** radiation
polarized **electromagnetic** radiation
electromagnetic scattering
electromagnetic shielding
electromagnetic spectra
electromagnetic surface waves
electromagnetic wave filters
electromagnetic wave transmission
electromagnetic waves
use electromagnetic radiation
electromagnetics
use electromagnetism
computational **electromagnetics**
electromagnetism
EMP **(electromagnetism)**
electromagnets
electromechanical devices
electromechanics
electrometers
electromigration
electromotive forces
electromyograms
use electromyography
electromyographs
use electromyography
electromyography
electron acceleration
electron accelerators
electron affinity
negative **electron** affinity
electron attachment
electron avalanche
electron beam welding
electron beams
relativistic **electron** beams
electron bombardment
electron bunching
electron capture
electron clouds
electron collisions
use electron scattering
electron compounds
use intermetallics
electron counters
electron cyclotron heating
electron cyclotron resonance
electron decay rate
holes **(electron** deficiencies)
electron density (concentration)
ionospheric **electron** density
magnetospheric **electron** density
electron density profiles
electron detectors
use electron counters
transferred **electron** devices
electron diffraction
electron diffusion
electron distribution
many **electron** effects
electron emission
electron energy
electron flux
use electrons
flux (rate)
electron flux density
electron gas
electron guns
electron–hole drops
electron holes
use holes (electron deficiencies)
electron impact
electron intensity
use electron flux density
photon- **electron** interaction
electron interactions
use electron scattering
electron–ion recombination
electron ionization
use ionization
electron irradiation
free **electron** lasers
electron mass
electron microscopes
electron microscopy
scanning **electron** microscopy
transmission **electron** microscopy
electron mobility
high **electron** mobility transistors
electron multipliers
use photomultiplier tubes
electron optics
electron orbitals
electron oscillations
electron paramagnetic resonance
electron paths
use electron trajectories
electron phonon interactions
electron photography
electron photon cascades
electron plasma
electron–positron annihilation
electron–positron pairs
electron–positron plasmas
electron precipitation
electron pressure
electron probes
electron pumping
electron radiation
electron recombination
electron ring accelerators
use storage rings (particle accelerators)
electron runaway (plasma physics)
electron scattering
electron sources
electron spectroscopy
electron spin
electron spin resonance
use electron paramagnetic resonance
electron states
electron sweeping
use sweep frequency
electron telescopes
use particle telescopes
electron temperature
use electron energy
electron trajectories
electron transfer
electron transitions
electron tubes
electron tunneling
electronarcosis
electronic aircraft

electronic amplifiers
use amplifiers
electronic bulletin boards
electronic control
electronic countermeasures
microminiaturized **electronic** devices
electronic equipment
miniature **electronic** equipment
spacecraft **electronic** equipment
electronic equipment tests
electronic filters
electronic levels
use electron energy
energy levels
electronic mail
Central **Electronic** Management System
electronic modules
electronic packaging
electronic photography
use electro-optical photography
electronic publishing
electronic recording systems
electronic signal measurement
use signal measurement
electronic spectra
electronic structure
use atomic structure
electronic switches
use switching circuits
electronic transducers
electronic warfare
electronics
chips **(electronics)**
digital **electronics**
doghouses **(electronics)**
HEMT **(electronics)**
hole distribution **(electronics)**
look angles **(electronics)**
medical **electronics**
molecular **electronics**
quantum **electronics**
radio **electronics**
electronography
electrons
conduction **electrons**
free **electrons**
high energy **electrons**
hot **electrons**
N **electrons**
nonrelativistic **electrons**
use electrons
pi- **electrons**
solar **electrons**
electronystagmography
Kerr **electrooptical** effect
electrophoresis
continuous flow **electrophoresis**
use electrophoresis
electrophotometers
electrophotometry
electrophysics
electrophysiology
electroplating
electroplethysmography
electropolishing
electrorefining
electroretinography
electrorheological fluids

electroseismic effect
use electric current
seismic waves
electroslag process
electroslag refining
electroslag welding
electrostatic bonding
electrostatic charge
electrostatic drag
electrostatic engines
electrostatic erosion
use spark machining
electrostatic fields
use electric fields
electrostatic generators
electrostatic gyroscopes
electrostatic plasma
use plasmas (physics)
electrostatic precipitators
electrostatic probes
electrostatic propulsion
electrostatic shielding
electrostatic waves
electrostatics
electrostriction
electrothermal engines
electroweak interactions (field theory)
electroweak model
standard **electroweak** model
use electroweak model
electrowinning
Elektron 1 satellite
Elektron 2 satellite
Elektron 4 satellite
Elektron satellites
element abundance
use abundance
boundary **element** method
finite **element** method
elementary excitations
elementary particle interactions
elementary particles
elements
chemical **elements**
decision **elements**
use logical elements
directors (antenna **elements)**
fluid switching **elements**
heavy **elements**
holographic optical **elements**
isoparametric finite **elements**
light **elements**
logical **elements**
nuclear fuel **elements**
orbital **elements**
passive **elements**
use parasitic elements (antennas)
picture **elements**
use pixels
radioactive **elements**
use radioactive isotopes
rare earth **elements**
shafts (machine **elements)**
switching **elements**
use switching circuits
trace **elements**
transmissions (machine **elements)**
transuranium **elements**
parasitic **elements** (antennas)

fuel **elements** (nuclear reactors)
use nuclear fuel elements
elevation
datum **(elevation)**
elevation angle
elevations (drawings)
use drawings
elevator illusion
elevators (control surfaces)
elevators (lifts)
elevons
elimination
Gaussian **elimination**
noise **elimination**
use noise reduction
ellipses
Izsak **ellipsoid**
use ellipsoids
geodesy
ellipsoids
ellipsometers
ellipsometry
elliptic differential equations
elliptic functions
elliptic integrals
use elliptic functions
elliptical cylinders
elliptical galaxies
elliptical orbits
elliptical plasmas
elliptical polarization
ellipticity
Saint **Elmo** fire
elongation
elution
elutriation
use elution
emanation
use emission
embedded computer systems
embedding
embolisms
fat **embolisms**
embossing
embrittlement
hydrogen **embrittlement**
embryology
embryos
emerald
use beryl
emergencies
emergency breathing techniques
emergency life sustaining systems
emergency locator transmitters
emerging
United Arab **Emirates**
emission
acoustic **emission**
atmospheric **emission**
use airglow
CN **emission**
cyanide **emission**
use CN emission
electron **emission**
exhaust **emission**
field **emission**
fluorescent **emission**
use fluorescence
hydroxyl **emission**
ion **emission**
light **emission**
microwave **emission**
neutron **emission**
nonthermal **emission**
use nonthermal radiation
optical **emission**
use light emission
particle **emission**
photoelectric **emission**
radiation **emission**
use radiation
radio **emission**
secondary **emission**
self sustained **emission**
solar radio **emission**
spectral **emission**
spontaneous **emission**
stimulated **emission**
thermal **emission**
thermionic **emission**
ultraviolet **emission**
stimulated **emission** devices
VLF **emission** recorders
emission spectra
optical **emission** spectroscopy
geocoronal **emissions**
emissivity
emissographs
use actinometers
recording instruments
emittance
emitters
thermionic **emitters**
light **emitting** diodes
surface **emitting** lasers
emotional factors
emotions
EMP (electromagnetism)
use electromagnetic pulses
empennage
use tail assemblies
emphysema
employee relations
employment
emptying
EMR 6050 computer
emulsions
nuclear **emulsions**
photographic **emulsions**
automated **en** route ATC
enamels
encapsulated microcircuits
encapsulating
Enceladus
encephalitis
Encke comet
Encke method
enclosure
enclosures
encoders
use coders
encoding
use coding
redundancy **encoding**
signal **encoding**
encounters
NASA End-to- **End** Data System
end-to- **end** data systems

end effectors
end moraines
use glacial drift
end plates
endangered species
Endeavour (orbiter)
endfire arrays
endocrine glands
endocrine secretions
endocrine systems
endocrinology
endolymph
endoplasmic reticulum
endoscopes
endothelium
endothermic fuels
endothermic reactions
endotoxins
endrin
endurance
physical **endurance**
use physical fitness
enemy personnel
Energetic Particle Explorer A
use Explorer 12 satellite
Energetic Particle Explorer B
use Explorer 14 satellite
Energetic Particle Explorer C
use Explorer 15 satellite
Energetic Particle Explorer D
use Explorer 26 satellite
energetic particles
Energiya launch vehicle
energy
activation **energy**
atomic **energy**
use nuclear energy
binding **energy**
chemical **energy**
clean **energy**
commercial **energy**
domestic **energy**
electrical **energy**
use electric power
electron **energy**
free **energy**
Gibbs free **energy**
gravitational binding **energy**
hydrogen-based **energy**
industrial **energy**
interfacial **energy**
internal **energy**
kinetic **energy**
momentum **energy**
use kinetic energy
nuclear **energy**
nuclear binding **energy**
particle **energy**
potential **energy**
proton **energy**
radiant **energy**
use radiation
residential **energy**
seismic **energy**
solar **energy**
stacking fault **energy**
surface **energy**
thermal **energy**
thermonuclear **energy**
use thermonuclear power generation
transportation **energy**
waterwave **energy**
wind **energy**
use windpower utilization
zero point **energy**
solar **energy** absorbers
energy absorption
energy absorption films
moderation **(energy** absorption)
thermalization **(energy** absorption)
High **Energy** Astronomy Observatories
use HEAO
High **Energy** Astronomy Observatory 1
use HEAO 1
High **Energy** Astronomy Observatory 2
use HEAO 2
High **Energy** Astronomy Observatory 3
use HEAO 3
High **Energy** Astronomy Observatory 4
use HEAO 4
High **Energy** Astronomy Observatory A
use HEAO 1
High **Energy** Astronomy Observatory B
use HEAO 2
High **Energy** Astronomy Observatory C
use HEAO 3
High **Energy** Astronomy Observatory D
use HEAO 4
energy bands
Earth **Energy** Budget Experiment
use LZEEBE satellite
Zonal Earth **Energy** Budget Experiment
use LZEEBE satellite
energy budgets
energy conservation
energy consumption
energy conversion
energy conversion efficiency
geothermal **energy** conversion
ocean thermal **energy** conversion
satellite solar **energy** conversion
solar **energy** conversion
waterwave **energy** conversion
energy converters
use direct power generators
energy density
use flux density
energy dissipation
energy distribution
spectral **energy** distribution
Aircraft **Energy** Efficiency program
use ACEE program
Energy Efficiency Transport program
use ACEE program
high **energy** electrons
energy equipartition
use equipartition theorem
energy exchange
use energy transfer
Long Term Zonal Earth **Energy** Experiment
use LZEEBE satellite
geothermal **energy** extraction
HEF (high **energy** fuels)
use high energy fuels
high **energy** fuels
energy gaps (solid state)
high **energy** interactions

weak **energy** interactions
energy levels
atomic **energy** levels
molecular **energy** levels
energy loss
use energy dissipation
terminal area **energy** management
energy methods
strain **energy** methods
energy of formation
high **energy** oxidizers
energy policy
Bernstein **energy** principle
biomass **energy** production
high **energy** propellants
strain **energy** release rate
energy requirements
energy sources
atmospheric **energy** sources
offshore **energy** sources
energy spectra
energy storage
energy storage devices
use energy storage
electric **energy** storage
magnetic **energy** storage
thermal **energy** storage
use heat storage
integrated **energy** systems
solar total **energy** systems
total **energy** systems
energy technology
energy transfer
linear **energy** transfer (LET)
geothermal **energy** utilization
waste **energy** utilization
AJ-10 **engine**
AJ-1000 **engine**
use M-1 engine
Algol **engine**
Altair **engine**
use X-248 engine
ASROC **engine**
BE-3 **engine**
Bristol-Siddeley BS 53 **engine**
Bristol-Siddeley Olympus 593 **engine**
Bristol-Siddeley Viper **engine**
Castor 2 **engine**
use TX-354 engine
CF-700 **engine**
F-1 rocket **engine**
H-1 **engine**
Hercules **engine**
J-2 **engine**
J-33 **engine**
J-34 **engine**
J-47 **engine**
J-52 **engine**
J-57 **engine**
J-58 **engine**
J-65 **engine**
J-69-T-25 **engine**
J-71 **engine**
J-73 **engine**
J-75 **engine**
J-79 **engine**
J-85 **engine**
J-93 **engine**
J93-MJ252H **engine**
use J-93 engine
J93-MJ280G **engine**
use J-93 engine
J-97 **engine**
LACE **(engine)**
LR-62-RM-2 **engine**
LR-87-AJ-5 **engine**
LR-91-AJ-5 **engine**
M-1 **engine**
M-46 **engine**
M-55 **engine**
M-56 **engine**
M-57 **engine**
M-100 **engine**
MA-2 **engine**
MA-3 **engine**
MA-5 **engine**
Marbore 2 **engine**
use J-69-T-25 engine
Marquardt R4D **engine**
NERVA **(engine)**
NIMPHE **(engine)**
P-1 **engine**
Pegasus **engine**
use Bristol-Siddeley BS 53 engine
RA-28 **engine**
RL-10-A-1 **engine**
RL-10-A-3 **engine**
SL-3 rocket **engine**
Space Shuttle Main **Engine**
T-34 **engine**
T-38 **engine**
T-53 **engine**
T-55 **engine**
T-56 **engine**
T-58 **engine**
T-63 **engine**
T-64 **engine**
T-74 **engine**
T-76 **engine**
T-78 **engine**
TF-30 **engine**
TF-34 **engine**
TF-41 **engine**
TX-77 **engine**
TX-354 **engine**
TX-33-39 **engine**
use XM-33 engine
X-248 **engine**
X-254 **engine**
X-258-B1 **engine**
X-259 **engine**
X-405 **engine**
XJ-34-WE-32 **engine**
use J-34 engine
XJ-79-GE-1 **engine**
use J-79 engine
XLR-99 **engine**
XM-33 **engine**
YJ73 turbojet **engine**
use J-73 engine
YJ-73-GE-3 **engine**
use J-73 engine
YJ-79 **engine**
use J-79 engine
YJ-85 **engine**
use J-85 engine

YJ-93 **engine**
use J-93 engine
YJ-93-GE-3 **engine**
use J-93 engine
YLR-91-AJ-1 **engine**
rocket **engine** 9KS-11000
single **engine** aircraft
engine airframe integration
engine analyzers
missile **engine** cases
use rocket engine cases
rocket **engine** cases
engine control
rocket **engine** control
turbojet **engine** control
engine coolants
engine design
rocket **engine** design
engine failure
nuclear **engine** for rocket vehicles
jet **engine** fuels
engine inlets
engine monitoring instruments
engine noise
rocket **engine** noise
engine parts
engine primers
quiet **engine** program
engine relight (in-flight)
use air start
Orbit Maneuvering **Engine** (Space Shuttle)
engine starters
engine testing laboratories
engine tests
engineering
aeronautical **engineering**
aerospace **engineering**
beds (process **engineering)**
chemical **engineering**
columns (process **engineering)**
computer aided **engineering**
use computer aided design
concurrent **engineering**
cracking (chemical **engineering)**
electrical **engineering**
environmental **engineering**
genetic **engineering**
geotechnical **engineering**
human **engineering**
use human factors engineering
human factors **engineering**
mechanical **engineering**
production **engineering**
regeneration **(engineering)**
reliability **engineering**
reverse **engineering**
software **engineering**
space systems **engineering**
use aerospace engineering
structural **engineering**
systems **engineering**
underwater **engineering**
value **engineering**
engineering development
use product development
engineering drawings
SEE (software **engineering** environments)
use programming environments
software **engineering** environments
use programming environments
engineering management
Shuttle **Engineering** Simulator
engineering test reactors
Engineering Test Satellites
engineers
engines
aerospike **engines**
air breathing **engines**
aircraft **engines**
arc jet **engines**
automobile **engines**
booster rocket **engines**
cesium **engines**
convertible fan-shaft **engines**
Dart turboprop **engines**
use turboprop engines
diesel **engines**
ducted fan **engines**
ducted rocket **engines**
electric rocket **engines**
electrostatic **engines**
electrothermal **engines**
external combustion **engines**
free-piston **engines**
gas generator **engines**
use engines
gas generators
gas turbine **engines**
heat **engines**
helicopter **engines**
HEUS rocket **engines**
hot water rocket **engines**
hybrid propellant rocket **engines**
hybrid rocket **engines**
hydrazine **engines**
hydrogen **engines**
hydrogen oxygen **engines**
hydrox **engines**
use hydrogen oxygen engines
ingestion **(engines)**
internal combustion **engines**
ion **engines**
JATO **engines**
jet **engines**
liquid air cycle **engines**
liquid oxygen hydrocarbon rocket **engines**
use oxygen-hydrocarbon rocket engines
liquid propellant rocket **engines**
lithergol rocket **engines**
low volume ramjet **engines**
LOX-hydrocarbon rocket **engines**
use oxygen-hydrocarbon rocket engines
LOX-hydrogen **engines**
use hydrogen oxygen engines
mercury ion **engines**
microrocket **engines**
Nike booster rocket **engines**
nozzleless rocket **engines**
nuclear lightbulb **engines**
nuclear ramjet **engines**
nuclear rocket **engines**
oxygen-hydrocarbon rocket **engines**
piston **engines**
plasma **engines**
pulsed jet **engines**

pulsejet **engines**
radio frequency ion thrustor **engines**
use RIT engines
ramjet **engines**
reciprocating **engines**
use piston engines
resistojet **engines**
restartable rocket **engines**
retrorocket **engines**
reusable rocket **engines**
RIT **engines**
RL-10 **engines**
rocket **engines**
rotary **engines**
scramjet **engines**
use supersonic combustion ramjet engines
solid propellant rocket **engines**
Stirling **engines**
supersonic combustion ramjet **engines**
sustainer rocket **engines**
SYNCOM apogee **engines**
topping cycle **engines**
torpedo **engines**
turbine **engines**
turbofan **engines**
turbojet **engines**
turboprop **engines**
turboramjet **engines**
turborocket **engines**
two stage plasma **engines**
ullage rocket **engines**
upper stage rocket **engines**
variable cycle **engines**
variable stream control **engines**
Vernier **engines**
Wankel **engines**
X-258 **engines**
England
New **England** (US)
English Channel
English language
engraving
enhanced vision
enhancement
use augmentation
color **enhancement**
use color coding
image **enhancement**
storm **enhancement**
sudden **enhancement** of atmospherics
enlarging
use expansion
ENO schemes
use essentially non-oscillatory schemes
enrichment
isotopic **enrichment**
Enrico Fermi atomic power plant
Enskog-Chapman theory
Chapman-**Enskog** theory
enstatite
enstrophy
use vorticity
Enterprise (Orbiter)
enthalpy
enthalpy-entropy diagrams
entire functions
entomology
entrainment
entrances
entrapment
entropy
enthalpy-**entropy** diagrams
maximum **entropy** method
minimum **entropy** method
entropy (statistics)
entry
atmospheric **entry**
planetary **entry**
use atmospheric entry
entry guidance (STS)
Pioneer Venus 2 **entry** probes
atmospheric **entry** simulation
Viking 1975 **entry** vehicle
enumeration
envelopes
flight **envelopes**
stellar **envelopes**
Geostationary Operatl **Environ** Satellite B
use GOES 2
Geostationary Operational **Environ** Sats
use GOES satellites
Antarctic **environment**
use ice environments
Earth **environment**
lunar **environment**
Mars **environment**
space **environment**
use aerospace environments
environment effects
electromagnetic **environment** experiment
man **environment** interactions
environment management
environment models
environment pollution
environment protection
environment simulation
space **environment** simulation
environment simulators
environmental chambers
use test chambers
environmental chemistry
environmental control
environmental engineering
environmental index
environmental laboratories
space **environmental** lubrication
use spacecraft lubrication
environmental monitoring
environmental quality
Environmental Research Satellites
National Operational **Environmental** Sat Sys
use NOESS
environmental surveys
environmental temperature
use ambient temperature
environmental tests
environments
aerospace **environments**
Arctic **environments**
use ice environments
Earth orbital **environments**
extraterrestrial **environments**
frictionless **environments**
GEO **environments**
use Earth orbital environments

Geosynchronous Earth Orbital **Environments**
use Earth orbital environments
high altitude **environments**
high gravity **environments**
high temperature **environments**
ice **environments**
LEO **environments**
use Earth orbital environments
low Earth orbital **environments**
use Earth orbital environments
low temperature **environments**
marine **environments**
planetary **environments**
programming **environments**
rotating **environments**
SEE (software engineering **environments)**
software engineering **environments**
use programming environments
spacecraft **environments**
thermal **environments**
enzyme activity
enzymes
enzymology
EOCR (reactor)
use experimental organic cooled reactors
EOGO
use EGO
EOLE satellites
EOPAP
use Earth & Ocean Physics Applications Program
EOR (rendezvous)
use Earth orbital rendezvous
EOS
use Earth Observing System (EOS)
Earth Observing System **(EOS)**
EOS-A
EOS-B
EOS data and information system
EOSDIS
use EOS data and information system
eosinophils
EPE-A
EPE-B
EPE-C
EPE-D
ephemerides
planet **ephemerides**
ephemeris time
epicardium
epicycloids
epidemiology
epidermis
epilepsy
Epimetheus
epinephrine
epitaxy
atomic layer **epitaxy**
liquid phase **epitaxy**
molecular beam **epitaxy**
vapor phase **epitaxy**
epithelium
EPNL
use effective perceived noise levels
epochs
use time measurement
epoxidation
epoxides
use epoxy compounds
boron- **epoxy** composites
graphite- **epoxy** composites
epoxy compounds
epoxy matrix composites
epoxy resins
phenolic **epoxy** resins
k- **epsilon** turbulence model
kappa- **epsilon** turbulence model
equalizers (circuits)
Bernoulli **equation**
use Bernoulli theorem
Bethe-Salpeter **equation**
Blasius **equation**
Boltzmann transport **equation**
Boltzmann-Vlasov **equation**
Born-Mayer **equation**
use Born approximation
Brillouin-Wigner **equation**
Burger **equation**
Chandrasekhar **equation**
Chaplygin **equation**
continuity **equation**
convection-diffusion **equation**
diffusion-convection **equation**
use convection-diffusion equation
diophantine **equation**
Dirac **equation**
Duffing differential **equation**
eikonal **equation**
Elber **equation**
Euler-Lagrange **equation**
Euler-Lambert **equation**
Falkner-Skan **equation**
Ficks **equation**
Fokker-Planck **equation**
Gauss **equation**
Gibbs adsorption **equation**
Hamilton-Jacobi **equation**
Helmholtz vorticity **equation**
inhour **equation**
Klein-Gordon **equation**
Korteweg-Devries **equation**
Krook **equation**
Laplace **equation**
Mathieu **equation**
use Mathieu function
Maxwell **equation**
Monge-Ampere **equation**
Navier-Stokes **equation**
Pfaff **equation**
Poisson **equation**
Reynolds **equation**
Riccati **equation**
Richardson-Dushman **equation**
use temperature effects thermionic emission
Schroedinger **equation**
Stokes-Beltrami **equation**
Von Karman **equation**
Hugoniot **equation** of state
equations
adiabatic **equations**
balance **equations**
use equations
biharmonic **equations**
boundary layer **equations**
Burnett **equations**

Cauchy-Riemann **equations**
characteristic **equations**
use eigenvalues
eigenvectors
conservation **equations**
constitutive **equations**
cubic **equations**
difference **equations**
differential **equations**
Donnell **equations**
Einstein **equations**
elliptic differential **equations**
equilibrium **equations**
Euler-Cauchy **equations**
Faddeev **equations**
flow **equations**
forced vibratory motion **equations**
use equations
forced vibration
Fredholm **equations**
Gibbs **equations**
Gibbs-Helmholtz **equations**
heat **equations**
use thermodynamics
Helmholtz **equations**
hydrodynamic **equations**
hyperbolic differential **equations**
integral **equations**
integrodifferential **equations**
use differential equations
integral equations
kinematic **equations**
kinetic **equations**
Lame wave **equations**
Landau-Ginzburg **equations**
linear **equations**
linear evolution **equations**
Liouville **equations**
macroscopic **equations**
motion **equations**
use equations of motion
nonholonomic **equations**
nonlinear **equations**
nonlinear evolution **equations**
orbit **equations**
use orbital mechanics
Orr-Sommerfeld **equations**
parabolic differential **equations**
partial differential **equations**
period **equations**
use periodic functions
primitive **equations**
quadratic **equations**
quartic **equations**
Rayleigh **equations**
reaction-diffusion **equations**
roots of **equations**
Saha **equations**
semiempirical **equations**
shallow shell **equations**
simultaneous **equations**
singular integral **equations**
state **equations**
use equations of state
Vlasov **equations**
Volterra **equations**
vorticity **equations**
wave **equations**

Wiener Hopf **equations**
equations of motion
Euler **equations** of motion
Lagrange **equations** of motion
use Euler-Lagrange equation
equations of state
geomagnetic **equator**
use magnetic equator
lunar **equator**
magnetic **equator**
equatorial atmosphere
French **Equatorial** Congo
use Congo (Brazzaville)
equatorial electrojet
equatorial orbits
equatorial regions
equators
equilibrium
acid base **equilibrium**
chemical **equilibrium**
liquid-vapor **equilibrium**
local thermodynamic **equilibrium**
plasma **equilibrium**
thermodynamic **equilibrium**
vapor liquid **equilibrium**
use liquid-vapor equilibrium
equilibrium diagrams
use phase diagrams
equilibrium equations
equilibrium flow
frozen **equilibrium** flow
shifting **equilibrium** flow
equilibrium methods
Lagrangian **equilibrium** points
equinoxes
energy **equipartition**
use equipartition theorem
equipartition theorem
equipment
absorbers **(equipment)**
air conditioning **equipment**
airborne **equipment**
aircraft **equipment**
airport surface detection **equipment**
astronaut maneuvering **equipment**
audio **equipment**
audio visual **equipment**
automatic test **equipment**
bedding **equipment**
bombing **equipment**
booms **(equipment)**
CEFOAM checkout **equipment**
checkout **equipment**
use test equipment
communication **equipment**
control **equipment**
cryogenic **equipment**
cyclones **(equipment)**
data processing **equipment**
distance measuring **equipment**
distillation **equipment**
dryers **(equipment)**
electric **equipment**
electronic **equipment**
ground support **equipment**
handling **equipment**
heating **equipment**
hydraulic **equipment**

jacking **equipment**
use jacks (lifts)
laboratory **equipment**
lighting **equipment**
lossless **equipment**
lunar based **equipment**
lunar construction **equipment**
lunar excavation **equipment**
medical **equipment**
microwave **equipment**
miniature electronic **equipment**
onboard **equipment**
optical **equipment**
oxygen supply **equipment**
photographic **equipment**
photographic processing **equipment**
pneumatic **equipment**
portable **equipment**
radar **equipment**
radio **equipment**
retractable **equipment**
spacecraft **equipment**
spacecraft electronic **equipment**
stowage (onboard **equipment)**
survival **equipment**
television **equipment**
test **equipment**
thickeners **(equipment)**
ultra short wave radio **equipment**
use very high frequency radio equipment
very high frequency radio **equipment**
video **equipment**
auxiliary **equipment** (computers)
use peripheral equipment (computers)
peripheral **equipment** (computers)
equipment specifications
electric **equipment** tests
electronic **equipment** tests
equipotentials
equivalence
equivalent circuits
ER–2 aircraft
ER fluids
use electrorheological fluids
Cenozoic **Era**
Mesozoic **Era**
Paleozoic **Era**
ERBE
use Earth radiation budget experiment
erbium
erbium 169
use erbium isotopes
erbium 171
use erbium isotopes
erbium alloys
erbium compounds
erbium isotopes
space **erectable** structures
self **erecting** devices
erection
use construction
EREP
ergodic process
ergometers
ergonomics
use human factors engineering
ergotamine
Lake **Erie**
EROS asteroid
EROS project
use Experimental Reflector Orbital Shot Proj
EROS (satellites)
erosion
electrostatic **erosion**
use spark machining
rain **erosion**
soil **erosion**
water **erosion**
wind **erosion**
erosive burning
boresight **error**
flight technical **error**
use pilot error
phase **error**
pilot **error**
error analysis
error band
use accuracy
error correcting codes
error correcting devices
error detection codes
error functions
bit **error** rate
error signals
errors
instrument **errors**
perceptual **errors**
position **errors**
random **errors**
range **errors**
root-mean-square **errors**
systematic **errors**
truncation **errors**
velocity **errors**
ERS–1 (ESA satellite)
ERS–2 (esa satellite)
ERS 17
ERS 18
ERTS
use Landsat satellites
ERTS–A
ERTS–B
ERTS–C
ERTS–D
ERTS–E
ERTS–F
erythrocytes
ES–3A aircraft
ESA
use European Space Agency
Eureca **(ESA)**
GEOS satellites **(ESA)**
Magellan Mission **(ESA)**
Maritime Communication Satellite **(ESA)**
Marots **(ESA)**
Orbital Test Satellite **(ESA)**
OTS **(ESA)**
SPAS **(ESA** platforms)
ERS-1 **(ESA** satellite)
ERS-2 **(esa** satellite)
ESA satellites

ESA spacecraft
Esaki diodes
use tunnel diodes
escalators
escape
escape (abandonment)
escape capsules
lunar **escape** devices
escape rockets
escape systems
launch **escape** systems
LES (**escape** systems)
escape velocity
escarpments
Escherichia
ESG (gyroscopes)
use electrostatic gyroscopes
eskers
use glacial drift
Eskimos
ESO (observatory)
use European Southern Observatory
esophagus
ESRO
use European Space Agency
GEOS satellites **(ESRO)**
ESRO 1 satellite
ESRO 2 satellite
ESRO 4 satellite
ESRO satellites
use ESA satellites
ESSA 1 satellite
ESSA 2 satellite
ESSA 3 satellite
ESSA 4 satellite
ESSA 5 satellite
ESSA 6 satellite
ESSA 7 satellite
ESSA 8 satellite
ESSA 9 satellite
ESSA satellites
essentially non-oscillatory schemes
esters
nitrate **esters**
estimates
cost **estimates**
maximum likelihood **estimates**
estimating
orbital position **estimation**
state **estimation**
estimators
Estonia
estrogens
estuaries
eta-mesons
etalons
etchants
etching
plasma **etching**
ethane
ethane nitrile
use acetonitrile
ethanol
use ethyl alcohol
diethyl **ether**
polyphenyl **ether**
ethers
ethics
Ethiopia
ethnic factors
ethoxy ethylene
ethyl alcohol
ethyl compounds
ethylene
ethoxy **ethylene**
vinyl **ethylene**
use butadiene
ethylene compounds
ethylene dihydrazine
ethylene oxide
ethylenediamine
ethylenediaminetetraacetic acids
etiology
ETR (reactors)
use engineering test reactors
ETS series satellites
use Engineering Test Satellites
Ettingshausen coolers
use Ettingshausen effect
thermoelectric cooling
Ettingshausen effect
Nernst-**Ettingshausen** effect
Euclidean geometry
Euclidean space
use Euclidean geometry
eudiometers
Euglena
eukaryotes
Euler buckling
Euler-Cauchy equations
Euler equations of motion
Euler-Lagrange equation
Euler-Lambert equation
Eulerian nutation
use Chandler wobble
Georgia **(Eurasia)**
Eureca (ESA)
Europa
Europa 1 launch vehicle
Europa 2 launch vehicle
Europa 3 launch vehicle
Europa 4 launch vehicle
Europa launch vehicles
Europe
Alps Mountains **(Europe)**
Baltic Shield **(Europe)**
Carpathian Mountains **(Europe)**
Central **Europe**
EISCAT radar system **(Europe)**
Pyrenees Mountains **(Europe)**
European 1 spacecraft
European Airbus
European Communications Satellite
European Incoherent Scatter Radar
use EISCAT radar system (Europe)
European Large Telecomm Satellite
use L-Sat
European Retrievable Carrier
use Eureca (ESA)
European Southern Observatory
European Space Agency
European space programs
European Space Research Organization
use European Space Agency

European Space Research Organization sat
use ESA satellites
Joint **European** Torus
europium
europium compounds
europium isotopes
eustachian tubes
eutectic alloys
eutectic composites
eutectic diagrams
use phase diagrams
eutectics
eutrophication
EUVE
use Extreme Ultraviolet Explorer satellite
euxenite
EVA
use extravehicular activity
Advanced **EVA** Protection Systems
use AEPS
evacuating
gas **evacuating**
use evacuating (vacuum)
evacuating (transportation)
evacuating (vacuum)
EVAL
use Earth Viewing Applications Laboratory
evaluation
threat **evaluation**
training **evaluation**
graphic **evaluation** and review techniques
use GERT
program **evaluation** review technique
use PERT
data adaptive **evaluator**/monitor
evanescence
evaporation
propellant **evaporation**
evaporation rate
evaporative cooling
evaporators
evaporography
evapotranspiration
evasive actions
evasive satellites
evection
use lunar orbits
orbit perturbation
solar gravitation
even- **even** nuclei
odd- **even** nuclei
evening
Tunguska **event**
use Tungusk meteorite
event horizon
single **event** upsets
events
consecutive **events**
flux transfer **events**
Everglades (FL)
evoked response (psychophysiology)
evolution
biological **evolution**
chemical **evolution**
galactic **evolution**
gas **evolution**
lunar **evolution**
planetary **evolution**
solar system **evolution**
stellar **evolution**
evolution (development)
linear **evolution** equations
nonlinear **evolution** equations
evolution (liberation)
EVS
use enhanced vision
exactness
use precision
examination
eye **examinations**
physical **examinations**
excavation
ditching **(excavation)**
tunneling **(excavation)**
lunar **excavation** equipment
mines **(excavations)**
pits **(excavations)**
charge **exchange**
energy **exchange**
use energy transfer
gas **exchange**
IDEP (data **exchange)**
resonance charge **exchange**
spin **exchange**
ion **exchange** membrane electrolytes
interservice data **exchange** program
ion **exchange** resins
exchangers
heat **exchangers**
tube heat **exchangers**
exchanging
ion **exchanging**
excimer lasers
excimers
excitation
acoustic **excitation**
harmonic **excitation**
molecular **excitation**
self **excitation**
triplet **excitation**
use atomic energy levels
wave **excitation**
atomic **excitations**
elementary **excitations**
transversely **excited** atmospheric lasers
use TEA lasers
excited states
use excitation
excitons
exclusion
Pauli **exclusion** principle
excretion
Mars **Excursion** Module
MEM **(excursion** module)
executive aircraft
use general aviation aircraft
passenger aircraft
executive systems (computers)
use operating systems (computers)
exercise
use physical exercise
physical **exercise**
Valsalva **exercise**
exercise physiology

exertion
use physical work
exhalation
hot jet **exhaust**
use high temperature gases
jet exhaust
jet **exhaust**
rocket **exhaust**
exhaust clouds
exhaust diffusers
exhaust emission
exhaust flow simulation
exhaust gases
exhaust jets
use exhaust gases
exhaust nozzles
turbine **exhaust** nozzles
exhaust systems
exhaust velocity
exhausting
exhaustion
existence
existence theorems
exits (doors)
use doors
exobiology
exophoria
use heterophoria
EXOS-A satellite
EXOS-B satellite
EXOS-C satellite
EXOS-D satellite
EXOS satellites
EXOS sounding rocket
Exosat satellite
exoskeletons
exosphere
exothermic reactions
Health-Education Telecommunications **exp**
use HET experiment
Galactic Radiation **Exp** Background sats
use GREB satellites
expandable structures
expansion
gas **expansion**
Karhunen-Loeve **expansion**
light-cone **expansion**
Prandtl-Meyer **expansion**
series **expansion**
thermal **expansion**
expansion waves
use elastic waves
expectancy hypothesis
expectation
expeditions
expellants
expendable stages (spacecraft)
Feature Identification and Location **Exper**
Space **Exper** with Particle Accelerators
use SEPAC (payload)
experience
Atmospheric General Circulation **Experiment**
Earth Energy Budget **Experiment**
use LZEEBE satellite
Earth radiation budget **experiment**
electromagnetic environment **experiment**
First ISCCP Regional **Experiment**
use FIRE (climatology)
GARP Atlantic Tropical **Experiment**
GATE **(experiment)**
Halogen Occultation **Experiment**
HET **experiment**
International Satellite Geodesy **Experiment**
LACATE **(experiment)**
Large Area Crop Inventory **Experiment**
Lithium Cooled Reactor **Experiment**
Long Term Zonal Earth Energy **Experiment**
use LZEEBE satellite
Lower Atmospheric Composition **Experiment**
use LACATE (experiment)
plasma interaction **experiment**
San Andreas Fault **experiment**
sodium reactor **experiment**
Stratospheric Aerosol & Gas **Experiment**
use SAGE satellite
Zonal Earth Energy Budget **Experiment**
use LZEEBE satellite
experiment design
Physics and Chemistry **Experiment** in Space
Apollo lunar **experiment** module
Earth Resources **Experiment** Package
use EREP
Goddard **experiment** package telescope
use particle telescopes
Biomedical **Experiment** Scientific Satellite
use BESS (satellite)
crew **experiment** stations
experimental aircraft
use research aircraft
experimental boiling water reactors
Experimental Breeder Reactor 1
Experimental Breeder Reactor 2
experimental gas cooled reactors
Geodynamic **Experimental** Ocean Satellite
use GEOS-D satellite
experimental organic cooled reactors
Experimental Reflector Orbital Shot Proj
Lincoln **Experimental** Satellites
experimental STOL transport rsch airplane
use Questol aircraft
experimentation
critical **experiments**
design of **experiments**
use experiment design
space plasma H/V interaction **experiments**
use SPHINX
space technology **experiments**
spaceborne **experiments**
Apollo Lunar Surface **Experiments** Package
Early Apollo Surface **Experiments** Package
use EASEP
expert systems
expiration
expired air
exploding conductor circuits
use circuits
exploding wires
exploding conductors
use exploding wires
exploding wires
exploitation
exploration
lunar **exploration**

Mars **exploration**
mineral **exploration**
natural gas **exploration**
oil **exploration**
planetary **exploration**
use space exploration
space **exploration**
Lunar **Exploration** System for Apollo
LESA (lunar **exploration** system)
use Lunar Exploration System for Apollo
DAD **Explorer**
use Dual Air Density Explorer
Dual Air Density **Explorer**
Far UV Spectroscopic **Explorer**
Gamma Ray Astronomy **Explorer**
use Explorer 11 satellite
Injun **Explorer**
use Explorer 25 satellite
International Cometary **Explorer**
use International Sun Earth Explorer 3
International Magnetospheric **Explorer**
International Ultraviolet **Explorer**
use IUE
Interplanetary **Explorer**
use Explorer 18 satellite
planetary **explorer**
use outer planets explorers
Solar Mesosphere **Explorer**
X Ray Timing **Explorer**
International Sun Earth **Explorer** 1
Explorer 1 satellite
Dynamics **Explorer** 1 satellite
International Sun Earth **Explorer** 2
Radio Astronomy **Explorer** 2
use Explorer 49 satellite
Explorer 2 satellite
Dynamics **Explorer** 2 satellite
International Sun Earth **Explorer** 3
Explorer 3 satellite
Explorer 4 satellite
Explorer 5 satellite
Explorer 6 satellite
Explorer 7 satellite
Explorer 8 satellite
Explorer 9 satellite
Explorer 10 satellite
Explorer 11 satellite
Explorer 12 satellite
Explorer 14 satellite
Explorer 15 satellite
Explorer 16 satellite
Explorer 17 satellite
Explorer 18 satellite
Explorer 19 satellite
Explorer 20 satellite
Explorer 21 satellite
Explorer 22 satellite
Explorer 23 satellite
Explorer 24 satellite
Explorer 25 satellite
Explorer 26 satellite
Explorer 27 satellite
Explorer 28 satellite
Explorer 29 satellite
Explorer 30 satellite
Explorer 31 satellite
Explorer 32 satellite
Explorer 33 satellite
Explorer 34 satellite
Explorer 35 satellite
Explorer 36 satellite
Explorer 37 satellite
Explorer 38 satellite
Explorer 39 satellite
Explorer 40 satellite
Explorer 41 satellite
Explorer 42 satellite
use Uhuru satellite
Explorer 43 satellite
Explorer 44 satellite
Explorer 45 satellite
Explorer 46 satellite
Explorer 47 satellite
Explorer 48 satellite
Explorer 49 satellite
Explorer 50 satellite
Explorer 51 satellite
Explorer 52 satellite
Explorer 53 satellite
Explorer 54 satellite
Explorer 55 satellite
Air Density **Explorer** A
use Explorer 19 satellite
Atmosphere **Explorer** A
use Explorer 17 satellite
Beacon **Explorer** A
Energetic Particle **Explorer** A
use Explorer 12 satellite
Ionosphere **Explorer** A
use Explorer 20 satellite
Air Density/Injun **Explorer** B
use Explorer 25 satellite
Atmosphere **Explorer** B
use Explorer 32 satellite
Beacon **Explorer** B
use Explorer 22 satellite
Energetic Particle **Explorer** B
use Explorer 14 satellite
Radio Astronomy **Explorer** B
use Explorer 49 satellite
Atmosphere **Explorer** C
use Explorer 51 satellite
Beacon **Explorer** C
use Explorer 27 satellite
Energetic Particle **Explorer** C
use Explorer 15 satellite
Atmosphere **Explorer** D
use Explorer 54 satellite
Energetic Particle **Explorer** D
use Explorer 26 satellite
Atmosphere **Explorer** E
use Explorer 55 satellite
Cosmic Background **Explorer** satellite
Extreme Ultraviolet **Explorer** satellite
Radio Astronomy **Explorer** satellite
Explorer satellites
Applications **Explorer** Satellites
Dynamics **Explorer** satellites
Micrometeoroid **Explorer** satellites
Active Magnetospheric Particle Tracer **Explorers**
use AMPTE (satellites)
International Sun Earth **Explorers**
outer planets **explorers**
nuclear **explosion** effect
explosion suppression
explosions

aerial **explosions**
atomic **explosions**
use nuclear explosions
chemical **explosions**
gas **explosions**
nuclear **explosions**
propellant **explosions**
thermonuclear **explosions**
underground **explosions**
underwater **explosions**
octol **(explosive)**
explosive decompression
explosive devices
explosive forming
explosive gases
use flammable gases
explosive welding
explosives
boosters **(explosives)**
caps **(explosives)**
initiators **(explosives)**
nitrasol **explosives**
primers **(explosives)**
explosives detection
exponential functions
exponents
exports
use international trade
EXPOS (Spacelab payload)
exposure
radiation **exposure**
use radiation dosage
Long Duration **Exposure** Facility
gene **expression**
expressions (mathematics)
use formulas (mathematics)
expulsion
expulsion bladder
extars
use x ray stars
extended duration space flight
use long duration space flight
propagation **(extension)**
Apollo **extension** system
extensions
extensometers
external combustion engines
external store separation
external stores
pods **(external** stores)
external surface currents
external tanks
externally blown flaps
extinction
interstellar **extinction**
extinguishers
use fire extinguishers
chemical **extinguishers**
use fire extinguishers
fire **extinguishers**
extinguishing
extraction
feature **extraction**
use pattern recognition
geothermal energy **extraction**
ion **extraction**
solvent **extraction**
extragalactic light
use extraterrestrial radiation
extragalactic media
use intergalactic media
extragalactic radio sources
extrapolation
extrasensory perception
extrasolar planets
extraterrestrial communication
extraterrestrial environments
extraterrestrial intelligence
Search for **Extraterrestrial** Intelligence
use Project SETI
extraterrestrial life
extraterrestrial matter
extraterrestrial radiation
extraterrestrial radio waves
extraterrestrial resources
extraterrestrial roving vehicles
use roving vehicles
extravehicular activity
extravehicular mobility units
extrema
use range (extremes)
Extreme Ultraviolet Explorer satellite
extreme ultraviolet radiation
extremely high frequencies
extremely low frequencies
range **(extremes)**
extremum values
extroversion
extruding
hot **extruding**
use extruding
eye (anatomy)
eye diseases
eye dominance
eye examinations
rapid **eye** movement state
eye movements
Saccadic **eye** movements
eye protection
eyepieces
Eyring theory

F

Satellite **F**
use Landsat F
ERTS- **F**
IMP- **F**
KEL- **F**
Landsat **F**
OGO- **F**
OSO- **F**
Space Shuttle mission 51- **F**
spread **F**
F 1 region
F-1 rocket engine
F-2 aircraft
Hunter **F-2** aircraft
F 2 region
F-4 aircraft
F-5 aircraft
F-8 aircraft
F-9 aircraft
F-14 aircraft

F-15 aircraft
F-16 aircraft
F-17 aircraft
F-18 aircraft
F-20 aircraft
F-22 aircraft
F-27 aircraft
Fokker **F** 27 aircraft
use F-27 aircraft
Fokker **F** 28 aircraft
use F-28 transport aircraft
F-28 helicopter
F-28 transport aircraft
F-80 aircraft
F-84 aircraft
F-86 aircraft
F-89 aircraft
F-94 aircraft
F-100 aircraft
F-101 aircraft
F-102 aircraft
F-104 aircraft
F-105 aircraft
F-106 aircraft
F-110 aircraft
F-111 aircraft
F-117A aircraft
F centers
use color centers
F displays
use F region
Atlas **F** ICBM
F layer
use F region
night **F** layer
use F region
night sky
F region
NOAA **F** satellite
use NOAA 9 satellite
TIROS **F** satellite
use TIROS 6 satellite
ionospheric **F**-scatter propagation
Pioneer **F** space probe
use Pioneer 10 space probe
F stars
F4H aircraft
use F-4 aircraft
F8U aircraft
use F-8 aircraft
F9F aircraft
use F-9 aircraft
FAB (programming language)
use FORTRAN
fabrication
CVI **(fabrication)**
fabrics
geotechnical **fabrics**
parachute **fabrics**
Fabry-Perot interferometers
Fabry-Perot lasers
Fabry-Perot spectrometers
face (anatomy)
face centered cubic lattices
facets
use flat surfaces
facilities
military air **facilities**
ranges **(facilities)**
research **facilities**
rocket test **facilities**
terminal **facilities**
test **facilities**
Advanced X Ray Astrophysics **Facility**
use X Ray Astrophysics Facility
Deep Space Instrumentation **Facility**
DSIF (instrumentation **facility)**
Hallam Nuclear Power **Facility**
HNPF (Hallam Nuclear Power **Facility)**
Long Duration Exposure **Facility**
mobile quarantine **facility**
Pinhole Occulter **Facility**
Solar Cell Calibration **Facility**
Space Infrared Telescope **Facility**
Spacelab UV-Optical Telescope **Facility**
use Starlab
Transient Reactor Test **Facility**
TREAT (test **facility)**
X Ray Astrophysics **Facility**
backward **facing** steps
forward **facing** steps
rearward **facing** steps
use backward facing steps
facsimile communication
facsimile transmission
use facsimile communication
age **factor**
amplification **factor**
use amplification
beta **factor**
damping **factor**
use damping
friction **factor**
Landau **factor**
nu **factor**
pH **factor**
Rhesus **factor**
sex **factor**
factor analysis
power **factor** controllers
interference **factor** table
factorial design
factorials
factories
use industrial plants
factorization
Cholesky **factorization**
factors
use variable
economic **factors**
emotional **factors**
ethnic **factors**
form **factors**
load **factors**
use loads (forces)
mass flow **factors**
physical **factors**
physiological **factors**
psychological **factors**
Q **factors**
quality **factors**
use Q factors
race **factors**
safety **factors**
social **factors**
stress intensity **factors**

weight	**factors**
	use weight (mass)
human	**factors** engineering
human	**factors** laboratories
	faculae
plages	**(faculae)**
solar	**faculae**
	use faculae
	Faddeev equations
signal	**fadeout**
	use signal fading
	fading
selective	**fading**
signal	**fading**
signal	**fading** rate
	fahrenheit temperature scale
	use temperature scales
	fail-safe systems
	failure
burnthrough	**(failure)**
engine	**failure**
structural	**failure**
	failure analysis
	failure modes
mean time between	**failures**
	use MTBF
system	**failures**
	faint object camera
	faint objects
	fainting
	use syncope
	Fairchild-Hiller aircraft
	Fairchild military aircraft
	use Fairchild-Hiller aircraft
	Fairey aircraft
	Fairey Delta 2 aircraft
	use FD 2 aircraft
	fairings
	Faith 7
	Falcon missile
	Falkner-Skan equation
free	**fall**
	falling
	falling spheres
	fallout
	false alarms
	fan blades
ducted	**fan** engines
	fan in wing aircraft
convertible	**fan**-shaft engines
prop-	**fan** technology
	fanlift devices
	use lift fans
	fans
ducted	**fans**
lift	**fans**
propeller	**fans**
ventilation	**fans**
	fans (landforms)
	far fields
	far infrared radiation
lunar	**far** side
	far ultraviolet radiation
	Far UV Spectroscopic Explorer
	Faraday dark space
	Faraday effect
	Faraday rotation
	use Faraday effect
	farm crops
	farmlands
liquid metal	**fast** breeder reactors
	fast Fourier transformations
	fast neutrons
	fast nuclear reactors
	fast oxide reactors
gas cooled	**fast** reactors
	fast test reactors
	fasteners
anchors	**(fasteners)**
locks	**(fasteners)**
nuts	**(fasteners)**
	fasting
	fat embolisms
acoustic	**fatigue**
auditory	**fatigue**
bending	**fatigue**
flight	**fatigue**
high temperature	**fatigue**
	use thermal fatigue
metal	**fatigue**
muscular	**fatigue**
shear	**fatigue**
	use shear stress
sonic	**fatigue**
	use acoustic fatigue
strain	**fatigue**
	use fatigue (materials)
structural	**fatigue**
	use fatigue (materials)
thermal	**fatigue**
	fatigue (biology)
	fatigue diagrams
	use S-N diagrams
	fatigue life
	fatigue (materials)
	fatigue testing machines
	fatigue tests
	fats
	fatty acids
San Andreas	**Fault**
	fault detection
stacking	**fault** energy
San Andreas	**Fault** experiment
	fault mechanics
	use fracture mechanics
	fault tolerance
	fault trees
	faults
closed	**faults**
	use geological faults
cross	**faults**
	use geological faults
echelon	**faults**
	use geological faults
electrical	**faults**
geological	**faults**
stacking	**faults**
	use crystal defects
step	**faults**
	use geological faults
thrust	**faults**
	use geological faults
	fauna
	use animals
	fax
	use facsimile communication
	fayalite

FBFM (modulation)
use feedback frequency modulation
FBL control
use fly by light control
FBM (missiles)
use fleet ballistic missiles
FCC lattices
use face centered cubic lattices
FD 2 aircraft
FDL–5 reentry vehicle
FDMA
use frequency division multiple access
fear
fear of flying
feasibility
feasibility analysis
technology **feasibility** spacecraft
Feather River Basin (CA)
feathering
feature extraction
use pattern recognition
Feature Identification and Location Exper
bays (topographic **features)**
sounds (topographic **features)**
feces
Weber- **Fechner** law
federal budgets
Federal Republic of Germany
use West Germany
Russian **Federation**
federations
feed systems
feedback
degenerative **feedback**
use negative feedback
negative **feedback**
nonlinear **feedback**
positive **feedback**
regenerative **feedback**
use positive feedback
sensory **feedback**
feedback amplifiers
feedback circuits
feedback control
feedback frequency modulation
distributed **feedback** lasers
feeders
feedforward control
space flight **feeding**
feeding (supplying)
antenna **feeds**
feelings
use sensory feedback
feet (anatomy)
feldspars
Fellowship aircraft
use F-28 transport aircraft
felsite
felts
females
femur
fences
airfoil **fences**
fences (barriers)
Fermat principle
fermentation
Enrico **Fermi** atomic power plant
Fermi–Dirac statistics
Fermi liquids
Thomas- **Fermi** model
Fermi surfaces
Thomas- **Fermi** theory
fermions
fermium
Ferranti Mercury computer
Chapman- **Ferraro** problem
ferrates
barium **ferrates**
ferric ions
ferrimagnetic materials
ferrimagnetism
ferrimagnets
ferrites
ferritic stainless steels
ferroalloys
use iron alloys
ferrocenes
ferroelectric materials
ferroelectricity
ferrofluids
ferrography
ferromagnetic films
ferromagnetic materials
ferromagnetic resonance
ferromagnetism
ferrous metals
ferry spacecraft
fertility
fertilization
fertilizers
FET (transistors)
use field effect transistors
modulation doped **fets**
use MODFETS
fetuses
fever
Feynman diagrams
Hellmann- **Feynman** theorem
FFAR rocket vehicle
use Folding Fin aircraft rocket vehicle
FFT
use fast Fourier transformations
FGM (materials)
use functionally gradient materials
FH–1100 helicopter
Fiat aircraft
Fiat G-91 aircraft
use G-91 aircraft
Fiat G-222 aircraft
use G-222 aircraft
Fiat G-95/4 aircraft
use G-95/4 aircraft
fiber bridging
use crack bridging
fiber composites
aramid **fiber** composites
fiber lasers
fiber–matrix interfaces
fiber optics
fiber orientation
fiber pullout
carbon **fiber** reinforced plastics
glass **fiber** reinforced plastics
fiber release
use fiber pullout
fiber strength

fiber volume fraction
fiberboard
use boards (paper)
fiberglass
use glass fibers
fibers
aramid **fibers**
boron **fibers**
carbon **fibers**
ceramic **fibers**
cotton **fibers**
glass **fibers**
metal **fibers**
optical **fibers**
plastic **fibers**
reinforcing **fibers**
scintillating **fibers**
scintillation **fibers**
use scintillating fibers
synthetic **fibers**
fibers (mathematics)
Fibonacci numbers
fibrillation
fibrin
fibrinogen
fibroblasts
fibrosis
cystic **fibrosis**
fibrous materials
use fibers
Ficks equation
fidelity
use accuracy
fiduciaries
geomagnetic **field**
use geomagnetism
solar magnetic **field**
field aligned currents
crossed **field** amplifiers
field army ballistic missiles
field coils
magnetic **field** configurations
field effect transistors
junction **field** effect transistors
use JFET
field emission
crossed **field** guns
magnetic **field** intensity
use magnetic flux
field intensity meters
magnetic **field** inversions
high **field** magnets
field mode theory
field of view
reverse **field** pinch
magnetic **field** reconnection
field sails
use magnetic sails
crystal **field** splitting
use crystal field theory
field strength
electric **field** strength
field theory (algebra)
crystal **field** theory
electroweak interactions **(field** theory)
field theory (physics)
strong interactions **(field** theory)
unified **field** theory
weak interactions **(field** theory)

International **Field** Year for Great Lakes
fields
antenna **fields**
use antenna radiation patterns
boson **fields**
crossed **fields**
crystal **fields**
use crystal field theory
electric **fields**
electromagnetic **fields**
electrostatic **fields**
use electric fields
far **fields**
flow **fields**
use flow distribution
force **fields**
use field theory (physics)
force-free magnetic **fields**
galactic magnetic **fields**
use interstellar magnetic fields
gravitational **fields**
interplanetary magnetic **fields**
interstellar magnetic **fields**
lunar magnetic **fields**
magnetic **fields**
magnetostatic **fields**
multipolar **fields**
near **fields**
nonuniform magnetic **fields**
oil **fields**
planetary magnetic **fields**
plowed **fields**
use farmlands
potential **fields**
pressure **fields**
use pressure distribution
radiation **fields**
use radiation distribution
self consistent **fields**
sound **fields**
star **fields**
use star distribution
stellar **fields**
use star distribution
stellar magnetic **fields**
stress **fields**
use stress distribution
temperature **fields**
use temperature distribution
tensor **fields**
use tensors
trapped magnetic **fields**
velocity **fields**
use velocity distribution
visual **fields**
Yang-Mills **fields**
advanced tactical **fighter**
use F-22 aircraft
fighter aircraft
Freedom **Fighter** aircraft
use F-5 aircraft
fire **fighting**
Earth **figure**
use geodesy
lunar **figure**
figure of merit
Lissajous **figures**
filament winding

filament wound construction
use filament winding
filaments
vortex **filaments**
filaments (solar physics)
use solar prominences
file maintenance (computers)
files
files (tools)
fluid **filled** shells
liquid **filled** shells
fillers
fillets
filling
helium **film**
photographic **film**
hot- **film** anemometers
electrode **film** barriers
film boiling
film condensation
film cooling
resin **film** infusion
film thickness
films
diamond **films**
energy absorption **films**
ferromagnetic **films**
fluid **films**
Langmuir-Blodgett **films**
magnetic **films**
metal **films**
monomolecular **films**
oxide **films**
plastic **films**
use polymeric films
polymeric **films**
semiconducting **films**
silicon **films**
squeeze **films**
superconducting **films**
thermoplastic **films**
thick **films**
thin **films**
filter wheel infrared spectrometers
filtergrams
filtering
use filtration
Kalman-Schmidt **filtering**
spatial **filtering**
Wiener **filtering**
filters
adaptive **filters**
air **filters**
bandpass **filters**
bandstop **filters**
birefringent **filters**
crystal **filters**
digital **filters**
electric **filters**
electromagnetic wave **filters**
electronic **filters**
finite impulse response **filters**
use FIR filters
FIR **filters**
fluid **filters**
high pass **filters**
image **filters**
infrared **filters**
Kalman **filters**
linear **filters**
low pass **filters**
mass **filters**
use fluid filters
matched **filters**
microwave **filters**
nonlinear **filters**
optical **filters**
particulate **filters**
use fluid filters
radar **filters**
radio **filters**
reduced order **filters**
tracking **filters**
tunable **filters**
ultraviolet **filters**
waveguide **filters**
filtration
Folding **Fin** aircraft rocket vehicle
finance
financial management
laser range **finders**
optical range **finders**
radar direction **finders**
use radio direction finders
radio direction **finders**
range **finders**
direction **finders** (radio)
use radio direction finders
direction **finding**
fine
fine structure
fineness
fineness ratio
fines
fingers
mechanical **fingers**
use end effectors
robot **fingers**
use end effectors
fingers (robotics)
use end effectors
finishes
metal **finishing**
surface **finishing**
finite difference theory
finite element method
isoparametric **finite** elements
finite impulse response filters
use FIR filters
finite-state machines
finite volume method
Finland
finned bodies
Finnish space program
fins
cooling **fins**
nose **fins**
vertical **fins**
use fins
fiords
FIR filters
artillery **fire**
Saint Elmo **fire**
FIRE (climatology)
fire control
fire control circuits
fire damage
forest **fire** detection

fire extinguishers
fire fighting
fire point
fire prevention
fire resistance
use flammability
fire retardants
use flame retardants
fireballs
Firebee 2 target drone aircraft
firebreaks
fireflies
fireproofing
fires
forest **fires**
fireworks
use pyrotechnics
rocket **firing**
static **firing**
test **firing**
firing (igniting)
firing time
use burning time
firmware
first aid
First ISCCP Regional Experiment
use FIRE (climatology)
Karl **Fischer** reagent
Fischer-Tropsch process
fish
use fishes
schools **(fish)**
Fishbowl Operation
fisheries
fishes
fishing
fishtailing
use yaw
fissile fuels
fissile materials
use fissionable materials
fission
nuclear **fission**
fission electric cells
fusion- **fission** hybrid reactors
fission products
blankets **(fission** reactors)
gaseous **fission** reactors
fission weapons
fissionable materials
fissium
fissures (geology)
goodness of **fit**
interference **fit**
fitness
flight **fitness**
physical **fitness**
fitting
curve **fitting**
fittings
Fitzgerald-Lorentz contraction
fix
use fixing
nitrogen **fixation**
use nitrogenation
fixed point arithmetic
fixed points (mathematics)
fixed-wing aircraft
fixed wings
fixing
sound **fixing** and ranging
Schauder **fixpoint** theorem
fixtures
Fizeau effect
Doppler- **Fizeau** effect
Everglades **(FL)**
Merritt Island **(FL)**
Flagellata
flakes
flaking
Chapman-Jouget **flame**
use chemical equilibrium
detonation
flame propagation
flame calorimeters
flame deflectors
flame fronts
use flame propagation
flame holders
flame interaction
use chemical reactions
flame propagation
flame ionization
flame plating
flame probes
flame propagation
flame quenching
use extinguishing
quenching (cooling)
flame retardants
flame spectroscopy
flame spraying
flame stability
flame temperature
flameout
flames
diffusion **flames**
jet **flames**
use flames
jet flow
laminar **flames**
use flames
laminar flow
premixed **flames**
turbulent **flames**
flammability
flammable gases
flange wrinkling
flanges
flap control
use aircraft control
flaps (control surfaces)
flaperons
flapping
flapping hinges
blown **flaps**
use externally blown flaps
externally blown **flaps**
jet **flaps**
jet augmented wing **flaps**
use jet flaps
wing flaps
Krueger **flaps**
use leading edge flaps
leading edge **flaps**
split **flaps**
trailing edge **flaps**
upper surface blown **flaps**

vortex **flaps**
wing **flaps**
flaps (control surfaces)
conical **flare**
use cones
flare stars
flared bodies
flares
solar **flares**
stellar **flares**
flash
flash blindness
flash lamps
flash point
flash tubes
use flash lamps
flash welding
flashback
flashing (vaporizing)
flashover
flasks
flat coaxial transmission lines
use microstrip transmission lines
flat conductors
flat layers
flat panel displays
flat patterns
flat plates
flat surfaces
flatness
adobe **flats**
use flats (landforms)
salt **flats**
use flats (landforms)
tidal **flats**
flats (landforms)
flattening
flatworms
flavor (particle physics)
flaw detection
use nondestructive tests
ultrasonic **flaw** detection
flaws
use defects
fleet ballistic missiles
Fleet Satellite Communication System
Fleetsatcom
use Fleet Satellite Communication System
flexibility
flexible bodies
flexible spacecraft
flexible wings
flexing
flexors
Flexowriters (trademark)
use automatic typewriters
flexural strength
flexure
use flexing
Saint Venant **flexure** problem
use Saint Venant principle
St Venant **flexure** problem
use Saint Venant principle
flicker
critical **flicker** fusion
flicker fusion frequency
use critical flicker fusion
chironomus **flies**

flight
Apollo 5 **flight**
Apollo 6 **flight**
Apollo 7 **flight**
Apollo 8 **flight**
Apollo 9 **flight**
Apollo 10 **flight**
Apollo 11 **flight**
Apollo 12 **flight**
Apollo 13 **flight**
Apollo 14 **flight**
Apollo 15 **flight**
Apollo 16 **flight**
Apollo 17 **flight**
balloon **flight**
banking **flight**
use turning flight
climbing **flight**
coasting **flight**
cruising **flight**
engine relight (in-**flight)**
extended duration space **flight**
use long duration space flight
free **flight**
Gemini 3 **flight**
Gemini 4 **flight**
Gemini 5 **flight**
Gemini 6 **flight**
Gemini 7 **flight**
Gemini 8 **flight**
Gemini 9 **flight**
Gemini 10 **flight**
Gemini 11 **flight**
Gemini 12 **flight**
high altitude **flight**
use flight
high altitude
high speed **flight**
use flight
high speed
horizontal **flight**
hypersonic **flight**
interplanetary **flight**
jet **flight**
use jet aircraft
long duration space **flight**
lunar **flight**
MA-3 **flight**
use Mercury MA-3 flight
MA-4 **flight**
use Mercury MA-4 flight
MA-5 **flight**
use Mercury MA-5 flight
MA-8 **flight**
use Mercury MA-8 flight
MA-9 **flight**
use Mercury MA-9 flight
manned space **flight**
Mercury MA-1 **flight**
Mercury MA-2 **flight**
Mercury MA-3 **flight**
Mercury MA-4 **flight**
Mercury MA-5 **flight**
Mercury MA-6 **flight**
Mercury MA-7 **flight**
Mercury MA-8 **flight**
Mercury MA-9 **flight**
Mercury MR-1 **flight**
Mercury MR-2 **flight**

Mercury MR-3 **flight**
Mercury MR-4 **flight**
meteorological **flight**
minor circle turning **flight**
MR-3 **flight**
use Mercury MR-3 flight
parabolic **flight**
planetary space **flight**
use interplanetary flight
return to Earth space **flight**
rocket **flight**
space **flight**
Space Transportation System 1 **flight**
Space Transportation System 2 **flight**
Space Transportation System 3 **flight**
Space Transportation System 4 **flight**
suborbital **flight**
supersonic **flight**
transition **flight**
transoceanic **flight**
transonic **flight**
turning **flight**
vertical **flight**
visual **flight**
Space Shuttle Orbital **Flight** 7
use Space Shuttle mission 31-C
Space Shuttle Orbital **Flight** 8
use Space Shuttle mission 31-D
Space Shuttle Orbital **Flight** 9
use Space Shuttle mission 41-A
flight altitude
flight characteristics
flight clothing
flight computers
use airborne/spaceborne computers
flight conditions
flight control
automatic **flight** control
flight crews
flight envelopes
flight fatigue
space **flight** feeding
flight fitness
flight hazards
flight instruments
flight load recorders
flight management systems
flight mechanics
in- **flight** monitoring
manned space **flight** network
flight nurses
flight operations
flight optimization
flight paths
flight performance
use flight characteristics
flight plans
flight recorders
flight rules
instrument **flight** rules
visual **flight** rules
flight safety
flight simulation
flight simulators
time of **flight** spectrometers
flight stability tests
in- **flight** starting
flight stress
flight stress (biology)

space **flight** stress
flight surgeons
flight technical error
use pilot error
flight termination systems
use abort apparatus
Orbital **Flight** Test 1 (shuttle)
use Space Transportation System 1 flight
Space Shuttle Orbital **Flight** Test 1
use Space Transportation System 1 flight
Orbital **Flight** Test 2 (shuttle)
use Space Transportation System 2 flight
Space Shuttle Orbital **Flight** Test 2
use Space Transportation System 2 flight
Orbital **Flight** Test 3 (shuttle)
use Space Transportation System 3 flight
Space Shuttle Orbital **Flight** Test 3
use Space Transportation System 3 flight
Orbital **Flight** Test 4 (shuttle)
use Space Transportation System 4 flight
Space Shuttle Orbital **Flight** Test 4
use Space Transportation System 4 flight
free **flight** test apparatus
flight test instruments
reactor in **flight** test program
use RIFT (reactor in flight test)
RIFT (reactor in **flight** test)
flight test vehicles
flight tests
orbital **flight** tests (shuttle)
use Space Transportation System flights
Space Shuttle Orbital **Flight** Tests
use Space Transportation System flights
flight time
Space **Flight** Tracking and Data Network
flight training
space **flight** training
flight vehicles
Apollo **flights**
Gemini **flights**
Mercury **flights**
Space Shuttle Orbital **Flights**
use Space Transportation System flights
Space Transportation System **flights**
Spacelab simulation **flights**
use Assess program
night **flights** (aircraft)
flint
flip-flops
FLIR detectors
float zones
floating
floating point arithmetic
floats
flocculating
ice **floes**
flood control
flood damage

flood plains
flood predictions
floods
ocean **floor** spreading
use sea floor spreading
sea **floor** spreading
floors
decks **(floors)**
intermontane **floors**
use valleys
flip- **flops**
Floquet theorem
flora
use plants (botany)
Florida
flotation
flotation systems
use floats
flour
flour (food)
flow
adiabatic **flow**
air **flow**
annular **flow**
axial **flow**
axisymmetric **flow**
barotropic **flow**
base **flow**
Beltrami **flow**
Blasius **flow**
blood **flow**
boundary layer **flow**
Brillouin **flow**
capillary **flow**
cascade **flow**
cavitation **flow**
cavity **flow**
channel **flow**
chemically reacting **flow**
use reacting flow
choked **flow**
coaxial **flow**
combustible **flow**
compressible **flow**
conical **flow**
continuum **flow**
convective **flow**
core **flow**
corner **flow**
Couette **flow**
critical **flow**
cross **flow**
draft (gas **flow)**
ducted **flow**
equilibrium **flow**
fluid **flow**
free **flow**
free molecular **flow**
frozen equilibrium **flow**
fuel **flow**
gas **flow**
grazing **flow**
Hartmann **flow**
head **flow**
heat **flow**
use heat transmission
helical **flow**
hydromagnetic **flow**
use magnetohydrodynamic flow
hypersonic **flow**
hypervelocity **flow**
incompressible **flow**
induced fluid **flow**
use fluid flow
information **flow**
inlet **flow**
internal **flow**
inviscid **flow**
irrotational **flow**
use potential flow
isothermal **flow**
jet **flow**
jet mixing **flow**
Karman-Bodewadt **flow**
Kirchhoff-Helmholtz **flow**
use pipe flow
Knudsen **flow**
laminar **flow**
liquid **flow**
low density **flow**
magnetohydrodynamic **flow**
mass **flow**
meridional **flow**
mixed **flow**
use multiphase flow
molecular **flow**
multiphase **flow**
nonequilibrium **flow**
nonNewtonian **flow**
nonuniform **flow**
nonviscous **flow**
use inviscid flow
nozzle **flow**
one dimensional **flow**
one-phase **flow**
use single-phase flow
open channel **flow**
orifice **flow**
oscillating **flow**
outlet **flow**
parallel **flow**
peripheral jet **flow**
pipe **flow**
plasma **flow**
use magnetohydrodynamic flow
plastic **flow**
Poiseuille **flow**
use laminar flow
potential **flow**
pulsating **flow**
use unsteady flow
radial **flow**
reacting **flow**
reattached **flow**
recirculative fluid **flow**
reversed **flow**
rotational **flow**
use fluid flow
vortices
secondary **flow**
separated **flow**
shear **flow**
shifting equilibrium **flow**
single-phase **flow**
slip **flow**
small perturbation **flow**

solids **flow**
sonic **flow**
use transonic flow
stagnation **flow**
steady **flow**
steady state **flow**
use equilibrium flow
steam **flow**
Stokes **flow**
stratified **flow**
streamline **flow**
use laminar flow
subcritical **flow**
subsonic **flow**
supercavitating **flow**
supercritical **flow**
superfluid **flow**
use superfluidity
supersonic **flow**
supersonic jet **flow**
three dimensional **flow**
transition **flow**
transonic **flow**
Tresca **flow**
turbulent **flow**
two dimensional **flow**
two phase **flow**
uniform **flow**
uniphase **flow**
use single-phase flow
unsteady **flow**
viscoelastic **flow**
use viscoelasticity
viscoplastic **flow**
use viscoplasticity
viscous **flow**
visualization of **flow**
use flow visualization
vortex **flow**
use vortices
wall **flow**
water **flow**
wedge **flow**
laminar **flow** airfoils
data **flow** analysis
geophysical fluid **flow** cells
flow chambers
flow characteristics
flow charts
flow coefficients
axial **flow** compressors
use turbocompressors
laminar **flow** control
use boundary layer control
laminar boundary layer
flow deflection
charge **flow** devices
flow direction indicators
flow distortion
flow distribution
continuous **flow** electrophoresis
use electrophoresis
flow equations
mass **flow** factors
flow fields
use flow distribution
flow geometry
flow graphs
signal **flow** graphs

optical **flow** (image analysis)
supersonic **flow** inlets
use supersonic inlets
flow measurement
zonal **flow** (meteorology)
wing **flow** method tests
flow nets
flow patterns
use flow distribution
axial **flow** pumps
flow rate
use flow velocity
mass **flow** rate
flow regulators
fuel **flow** regulators
flow resistance
flow separation
use boundary layer separation
separated flow
exhaust **flow** simulation
flow stability
cold **flow** tests
flow theory
mixing length **flow** theory
axial **flow** turbines
flow velocity
flow visualization
numerical **flow** visualization
flowmeters
hot-wire **flowmeters**
cooling **flows** (astrophysics)
FLOX
Fltsatcom
use Fleet Satellite Communication System
fluctuation
use variations
fluctuation theory
flue gases
fluence
fluerics
flues
cerebrospinal **fluid**
fluid amplification
use fluid amplifiers
fluid amplifiers
fluid boundaries
fluid dynamics
cascades (**fluid** dynamics)
computational **fluid** dynamics
panel method (**fluid** dynamics)
stabilizers (**fluid** dynamics)
fluid filled shells
fluid films
fluid filters
fluid flow
geophysical **fluid** flow cells
induced **fluid** flow
use fluid flow
recirculative **fluid** flow
fluid injection
fluid jet amplifiers
use fluid amplifiers
jet amplifiers
fluid jets
fluid logic
fluid management
fluid mechanics
head (**fluid** mechanics)

Stokes law **(fluid** mechanics)
two **fluid** models
fluid power
fluid pressure
fluid rotor gyroscopes
fluid–solid interactions
cryogenic **fluid** storage
fluid switching elements
fluid transmission lines
fluid transpiration
use transpiration
fluidic circuits
fluidics
fluidized bed processors
fluids
anisotropic **fluids**
binary **fluids**
body **fluids**
compressible **fluids**
conducting **fluids**
cryogenic **fluids**
electrorheological **fluids**
ER **fluids**
use electrorheological fluids
geophysical **fluids**
gyroscope **fluids**
high temperature **fluids**
hydraulic **fluids**
ideal **fluids**
incompressible **fluids**
Maxwell **fluids**
micropolar **fluids**
mixing layers **(fluids)**
Newtonian **fluids**
nonNewtonian **fluids**
rotating **fluids**
stream functions **(fluids)**
supercritical **fluids**
transmission **fluids**
viscous **fluids**
weightless **fluids**
working **fluids**
fluorescence
laser induced **fluorescence**
LIF **(fluorescence)**
resonance **fluorescence**
x ray **fluorescence**
fluorescent emission
use fluorescence
ozone **fluoride**
polyvinyl **fluoride**
deuterium **fluoride** lasers
use DF lasers
hydrogen **fluoride** lasers
use HF lasers
krypton **fluoride** lasers
xenon **fluoride** lasers
yttrium lithium **fluoride** lasers
use YLF lasers
fluorides
aluminum **fluorides**
antimony **fluorides**
barium **fluorides**
beryllium **fluorides**
boron **fluorides**
cadmium **fluorides**
calcium **fluorides**
cesium **fluorides**
chlorine **fluorides**
chromium **fluorides**
cobalt **fluorides**
copper **fluorides**
deuterium **fluorides**
hydrogen **fluorides**
use hydrofluoric acid
lanthanum **fluorides**
lithium **fluorides**
magnesium **fluorides**
metal **fluorides**
nickel **fluorides**
nitrogen **fluorides**
nitryl **fluorides**
oxygen **fluorides**
perchloryl **fluorides**
plutonium **fluorides**
protactinium **fluorides**
sodium **fluorides**
strontium **fluorides**
sulfur **fluorides**
technetium **fluorides**
thorium **fluorides**
tungsten **fluorides**
uranium **fluorides**
zinc **fluorides**
fluorination
fluorine
liquid **fluorine**
fluorine compounds
organic **fluorine** compounds
use fluorine organic compounds
fluorine isotopes
fluorine–liquid oxygen
fluorine organic compounds
fluorite
fluoro compounds
fluoroamines
fluorocarbons
fluorohydrocarbons
fluoromica
use fluorosilicates
mica
fluorophlogopite
fluoroplastics
use fluoropolymers
fluoropolymers
fluoroscopy
fluorosilicates
fluorspar
flushing
fluting
use grooving
flutter
aeromagneto **flutter**
use flutter
panel **flutter**
subsonic **flutter**
supersonic **flutter**
transonic **flutter**
flutter analysis
flux
electron **flux**
use electrons
flux (rate)
heat **flux**
magnetic **flux**
neutron **flux**
use flux (rate)

particle **flux**
use flux (rate)
poloidal **flux**
solar **flux**
high **flux** beam reactors
flux density
electron **flux** density
luminous **flux** density
use luminous intensity
neutron **flux** density
particle **flux** density
proton **flux** density
radiant **flux** density
solar **flux** density
flux difference splitting
Roe **flux** difference splitting scheme
use flux difference splitting
high **flux** isotope reactors
flux mapping
use flux density
mapping
plasma **flux** measurement
flux pinning
flux pumps
flux quantization
flux (rate)
flux (rate per unit area)
use flux density
flux transfer events
flux vector splitting
fluxes
fluxmeters
use magnetic measurement
measuring instruments
fly ash
fly by light control
fly by tube control
fly by wire control
Venus **fly** trap rocket vehicle
Mariner Jupiter-Saturn **flyby**
Mariner Jupiter-Uranus **flyby**
Comet Rendezvous Asteroid **Flyby** Mission
flyby missions
man tended free **flyers**
flying
use flight
fear of **flying**
stunt **flying**
use aerobatics
Flying Bedstead aircraft
use flying platforms
Flying Crane helicopter
use H-17 helicopter
flying ejection seats
unidentified **flying** objects
flying personnel
flying platform stability
use aerodynamic stability
flying platforms
flying platforms
flying qualities
use flight characteristics
flying spot scanners
lunar **flying** vehicles
flying wing aircraft
use tailless aircraft
flywheels

FM (modulation)
use frequency modulation
FM/PM (modulation)
polyurethane **foam**
foaming
foams
metal **foams**
focal plane arrays
use focal plane devices
focal plane devices
foci
Hartree- **Fock** approximation
Hartree- **Fock**-Slater method
plasma **focus**
focusing
self **focusing**
identify friend or **foe**
use IFF systems (identification)
foetuses
use fetuses
fog
fog dispersal
foil bearings
foils
metal **foils**
foils (materials)
Fokker aircraft
Fokker bond testers
use adhesion tests
Fokker F 27 aircraft
use F-27 aircraft
Fokker F 28 aircraft
use F-28 transport aircraft
Fokker Friendship aircraft
use F-27 aircraft
Fokker-Planck equation
folding
Folding Fin aircraft rocket vehicle
folding structures
folds (geology)
foliage
folic acid
Landsat **follow**-on missions
terrain **following**
food
dehydrated **food**
flour **(food)**
grains **(food)**
synthetic **food**
food chain
food intake
food processing
food production (in space)
frozen **foods**
footprints
boots **(footwear)**
forbidden bands
forbidden transitions
Forbush decreases
Forbush effect
use Forbush decreases
force
centrifugal **force**
centripetal **force**
G **force**
use acceleration (physics)
lines of **force**
Lorentz **force**
drag **force** anemometers

zero **force** curves
force distribution
normal **force** distribution
use force distribution
force fields
use field theory (physics)
force–free magnetic fields
atomic **force** microscopy
cable **force** recorders
force vector recorders
forced convection
forced oscillation
use forced vibration
forced vibration
forced vibratory motion equations
use equations
forced vibration
aerodynamic **forces**
armed **forces**
electromotive **forces**
hypersonic **forces**
inertial **forces**
use inertia
interatomic **forces**
intermolecular **forces**
lift **forces**
use lift
load distribution **(forces)**
loading **forces**
use loads (forces)
loads **(forces)**
nonconservative **forces**
ponderomotive **forces**
Van der Waals **forces**
armed **forces** (foreign)
armed **forces** (United States)
West **Ford** project
forearm
forebodies
noses **(forebodies)**
forecasting
Delphi method **(forecasting)**
long range weather **forecasting**
numerical weather **forecasting**
pattern method **(forecasting)**
probe method **(forecasting)**
profile method **(forecasting)**
statistical weather **forecasting**
technological **forecasting**
weather **forecasting**
forecasts
use forecasting
forehead
armed forces **(foreign)**
foreign bodies
foreign policy
foreign trade
use international trade
forensic sciences
use law (jurisprudence)
forest fire detection
forest fires
forest management
forests
rain **forests**
forging
metal **forging**
use forging
spin **forging**
use metal spinning
tuning **fork** gyroscopes
forks
form
use shapes
Jordan **form**
form factors
form perception
use space perception
formaldehyde
phenol **formaldehyde**
formalism
format
formates
formation
crack **formation**
use crack initiation
energy of **formation**
galaxy **formation**
use galactic evolution
heat of **formation**
ice **formation**
star **formation**
formation heat
use heat of formation
star **formation** rate
formations
formhydroxamic acid
formic acid
formica
beam **forming**
use beamforming
cold **forming**
use cold working
electrohydraulic **forming**
explosive **forming**
hot **forming**
use hot working
magnetic **forming**
metal **forming**
use forming techniques
metal working
pressing **(forming)**
roll **forming**
stretch **forming**
superplastic **forming**
brakes **(forming** or bending)
forming techniques
canonical **forms**
domes (structural **forms)**
shells (structural **forms)**
forms (paper)
Bethe-Heitler **formula**
Cauchy integral **formula**
Kramers-Kronig **formula**
Langevin **formula**
Moliere **formula**
use cosmic ray showers
secondary cosmic rays
spatial distribution
formulas
recursion **formulas**
use recursive functions
formulas (mathematics)
formulations
formyl ions
forsterite
Forth (programming language)

Fortisan (trademark)
FORTRAN
forward facing steps
forward looking infrared detectors
use FLIR detectors
forward scattering
swept **forward** wings
fossil fuels
fossil meteorite craters
use fossils
meteorite craters
fossils
Foster theory
fouling
foundations
bases **(foundations)**
pile **foundations**
structural **foundations**
use foundations
foundries
four body problem
twenty- **four** hour orbits
four-wave mixing
Fourier analysis
Fourier-Bessel transformations
Fourier law
Fourier series
Fourier transformation
fast **Fourier** transformations
fovea
FR-1 satellite
fractals
fiber volume **fraction**
volume **fraction**
use concentration (composition)
fractionation
chemical **fractionation**
fractions
fractography
fracture mechanics
fracture resistance
use fracture strength
fracture strength
fracture toughness
use fracture strength
crustal **fractures**
fractures (materials)
fracturing
cracking **(fracturing)**
fragmentation
satellite **fragmentation**
use spacecraft breakup
fragments
frame photography
frames
racks **(frames)**
frames (data processing)
framing cameras
France
Rhone Delta **(France)**
San **Francisco** Bay (CA)
San **Francisco** (CA)
francium
Franck-Condon principle
Fraunhofer line discriminators
Fraunhofer lines
Fraunhofer region
use far fields
Fredholm equations
Fredholm operators
use Fredholm equations
operators (mathematics)
free atmosphere
free boundaries
free convection
free electron lasers
free electrons
free energy
Gibbs **free** energy
free fall
free flight
free flight test apparatus
free flow
man tended **free** flyers
free jets
context **free** languages
force- **free** magnetic fields
free molecular flow
free oscillations
use free vibration
mean **free** path
free-piston engines
free radicals
free stream effects
use free flow
free streams
use free flow
free vibration
free wing aircraft
degrees of **freedom**
Space Station **Freedom**
Freedom Fighter aircraft
use F-5 aircraft
Freedom Space Station
use Space Station Freedom
freeze drying
freezing
vibrational **freezing**
freezing points
use melting points
freight
use cargo
air **freight**
use air cargo
freight costs
freighters
French Equatorial Congo
use Congo (Brazzaville)
French Guiana
SPOT **(French** satellite)
French satellites
French space program
Frenkel defects
freon
frequencies
acoustic **frequencies**
audio **frequencies**
beat **frequencies**
carrier **frequencies**
critical **frequencies**
extremely high **frequencies**
extremely low **frequencies**
high **frequencies**
infrasonic **frequencies**
intermediate **frequencies**
ionization **frequencies**
low **frequencies**
microwave **frequencies**

natural **frequencies**
use resonant frequencies
Nyquist **frequencies**
plasma **frequencies**
radio **frequencies**
resonant **frequencies**
sound **frequencies**
use acoustic frequencies
subaudible **frequencies**
superhigh **frequencies**
ultrahigh **frequencies**
ultralow **frequencies**
use extremely low frequencies
very high **frequencies**
very low **frequencies**
vibrational **frequencies** (molecular)
use vibrational spectra
vibrational **frequencies** (structural)
use resonant frequencies
Brunt-Vaisala **frequency**
cyclotron **frequency**
flicker fusion **frequency**
use critical flicker fusion
maximum usable **frequency**
sweep **frequency**
intermediate **frequency** amplifiers
frequency analyzers
frequency assignment
frequency bands
use frequencies
frequency compression demodulators
frequency control
automatic **frequency** control
frequency conversion
use frequency converters
frequency converters
parametric **frequency** converters
radio **frequency** discharge
frequency discriminators
frequency distribution
frequency dividers
frequency division multiple access
frequency division multiplexing
radio **frequency** heating
frequency hopping
radio **frequency** impedance probes
radio **frequency** interference
radio **frequency** ion thrustor engines
use RIT engines
frequency measurement
frequency modulation
feedback **frequency** modulation
frequency modulation photomultipliers
pulse **frequency** modulation
pulse **frequency** modulation telemetry
frequency multipliers
radio **frequency** noise
use electromagnetic noise
frequency pulling
dual **frequency** radar
use multispectral radar
multiple **frequency** radar
use multispectral radar
radio **frequency** radiation
use radio waves
very high **frequency** radio equipment
frequency ranges

frequency regulation
use frequency control
frequency response
frequency reuse
frequency scanning
radio **frequency** shielding
frequency shift
frequency shift keying
frequency stability
pulling **(frequency** stability)
frequency standards
frequency synchronization
frequency synthesizers
low **frequency** transionospheric satellites
frequency translation
use frequency converters
fresh water
Fresnel diffraction
Fresnel integrals
Fresnel-Kirchhoff integrals
Fresnel lenses
Fresnel reflectors
Fresnel region
fretting
fretting corrosion
friction
coefficient of **friction**
dry **friction**
internal **friction**
kinetic **friction**
skin **friction**
sliding **friction**
static **friction**
friction coefficient
use coefficient of friction
friction drag
friction factor
friction loss coefficient
use friction factor
friction measurement
friction pressure drop
use skin friction
friction reduction
friction welding
frictionless environments
Friedel-Craft reaction
identify **friend** or foe
use IFF systems (identification)
Friendship 7
Fokker **Friendship** aircraft
use F-27 aircraft
fringe multiplication
fringe patterns
use diffraction patterns
Moire **fringes**
frit
Orbiting **Frog** Otolith
frogs
space observations **(from** Earth)
Earth observations **(from** space)
wave **front** deformation
wave **front** reconstruction
frontal areas (meteorology)
use fronts (meteorology)
frontal waves
fronts
cold **fronts**

flame **fronts**
use flame propagation
shock **fronts**
warm **fronts**
wave **fronts**
weather **fronts**
use fronts (meteorology)
fronts (meteorology)
frost
frost damage
frostbite
Froude number
frozen equilibrium flow
frozen foods
frozen soils
use permafrost
fruits
nuts **(fruits)**
frustration
frustums
bunkers **(fuel)**
gasohol **(fuel)**
JP-4 jet **fuel**
JP-5 jet **fuel**
JP-6 jet **fuel**
JP-7 jet **fuel**
JP-8 jet **fuel**
fuel–air ratio
nuclear **fuel** burnup
fuel capsules
fuel cell catalysts
use electrocatalysts
fuel cell power plants
fuel cells
biochemical **fuel** cells
hydrogen air **fuel** cells
use hydrogen oxygen fuel cells
hydrogen oxygen **fuel** cells
molten carbonate **fuel** cells
phosphoric acid **fuel** cells
regenerative **fuel** cells
solid oxide **fuel** cells
fuel combustion
fuel conservation
use fuel consumption
fuel consumption
fuel contamination
fuel control
organic wastes **(fuel** conversion)
fuel corrosion
nuclear **fuel** elements
fuel elements (nuclear reactors)
use nuclear fuel elements
fuel flow
fuel flow regulators
fuel gages
capacitive **fuel** gages
fuel injection
fuel oils
fuel production
hydrocarbon **fuel** production
fuel pumps
nuclear **fuel** reprocessing
fuel sprays
fuel systems
aircraft **fuel** systems
chokes **(fuel** systems)
fuel tank pressurization
fuel tanks

fuel tests
fuel valves
fueling
use refueling
fuels
aircraft **fuels**
antimisting **fuels**
automobile **fuels**
ceramic nuclear **fuels**
chemical **fuels**
clean **fuels**
diesel **fuels**
endothermic **fuels**
fissile **fuels**
fossil **fuels**
gaseous **fuels**
HEF (high energy **fuels)**
high energy **fuels**
hydrocarbon **fuels**
hydrogen **fuels**
jet **fuels**
use jet engine fuels
jet engine **fuels**
liquid **fuels**
metal **fuels**
nuclear **fuels**
reactor **fuels**
use nuclear fuels
spent **fuels**
synthetic **fuels**
Fujita method
full scale tests
fullerenes
fulminates
fumes
fumigation
Abel **function**
Airy **function**
delta **function**
gamma **function**
Gauss **function**
use Gauss equation
heart **function**
Lagrangian **function**
Mathieu **function**
Maxwell-Boltzmann density **function**
modulation transfer **function**
muscular **function**
optical transfer **function**
penalty **function**
renal **function**
Walsh **function**
function generators
function space
functional analysis
functional design specifications
functional integration
functionally gradient materials
functionals
functions
analytic **functions**
aperiodic **functions**
Bessel **functions**
Boolean **functions**
characteristic **functions**
use eigenvalues
eigenvectors
composite **functions**
contralateral **functions**

correlation **functions**
use correlation
discrete **functions**
discriminant **functions**
use discriminant analysis (statistics)
distribution **functions**
disturbing **functions**
elliptic **functions**
entire **functions**
error **functions**
exponential **functions**
Green's **functions**
Hamiltonian **functions**
Hankel **functions**
harmonic **functions**
hyperbolic **functions**
hypergeometric **functions**
integral **functions**
use entire functions
kernel **functions**
Laguerre **functions**
Lame **functions**
Legendre **functions**
Liapunov **functions**
loop transfer **functions**
Lyapunov **functions**
use Liapunov functions
meromorphic **functions**
monotone **functions**
normal density **functions**
orthogonal **functions**
orthonormal **functions**
parenteral **functions**
periodic **functions**
point spread **functions**
Poisson density **functions**
probability density **functions**
probability distribution **functions**
pulmonary **functions**
ramp **functions**
rational **functions**
recursive **functions**
scattering **functions**
shape **functions**
space-time **functions**
spline **functions**
step **functions**
stress **functions**
time **functions**
transcendental **functions**
transfer **functions**
trigonometric **functions**
wave **functions**
Weibull density **functions**
Weierstrass **functions**
weighting **functions**
Whittaker **functions**
work **functions**
stream **functions** (fluids)
functions (mathematics)
fungal diseases
fungi
rust **fungi**
fungicides
funnels
furan resins
furans
furfuryl alcohol

furlable antennas
furnaces
electric **furnaces**
image **furnaces**
solar **furnaces**
vacuum **furnaces**
fuselage mounting
use aircraft production
wing- **fuselage** stores
fuselages
fuses
electric **fuses**
fuses (ordnance)
fusibility
fusiform shapes
use cones
fusion
controlled **fusion**
critical flicker **fusion**
data **fusion**
use multisensor fusion
heat of **fusion**
impact **fusion**
inertial confinement **fusion**
laser **fusion**
latent heat of **fusion**
use heat of fusion
mirror **fusion**
multisensor **fusion**
nuclear **fusion**
sensor **fusion**
use multisensor fusion
fusion-fission hybrid reactors
flicker **fusion** frequency
use critical flicker fusion
fusion heat
use heat of fusion
fusion (melting)
inertial **fusion** (reactor)
fusion reactors
blankets **(fusion** reactors)
divertors **(fusion** reactors)
limiters **(fusion** reactors)
fusion weapons
fusion welding
fuzzy sets
fuzzy systems
FV-12A aircraft

G

IMP- **G**
OSO- **G**
Space Shuttle mission 41- **G**
Space Shuttle mission 51- **G**
vitamin **G**
use riboflavin
G-1 aircraft
Navion **G-1** aircraft
G-91 aircraft
Fiat **G-91** aircraft
G-222 aircraft
Fiat **G-222** aircraft
G-95/4 aircraft
Fiat **G-95/4** aircraft
zero- **g** ACPL (Spacelab)

G force
use acceleration (physics)
NOAA **G** satellite
use NOAA 10 satellite
TIROS **G** satellite
use TIROS 7 satellite
Pioneer **G** space probe
use Pioneer 11 space probe
G stars
Atlanta **(GA)**
GA-5 aircraft
Gloster **GA-5** aircraft
Sand Hills Region **(GA** -NC-SC)
gabbro
Gabon
gadolinium
gadolinium alloys
gadolinium-gallium garnet
gadolinium isotopes
strain **gage** accelerometers
strain **gage** balances
gages
use measuring instruments
Bayard-Alpert ionization **gages**
bombs (pressure **gages)**
capacitive fuel **gages**
fuel **gages**
ion **gages**
use ionization gages
ionization **gages**
Knudsen **gages**
Mcleod **gages**
Penning **gages**
Philips ionization **gages**
piezoelectric **gages**
Pirani **gages**
pressure **gages**
rain **gages**
sputtering **gages**
strain **gages**
thermal conductivity **gages**
vacuum **gages**
Gaia hypothesis
heat **gain**
use heating
high **gain**
power **gain**
gain (amplification)
use amplification
automatic **gain** control
galactic bulge
Virgo **galactic** cluster
galactic clusters
galactic cosmic rays
galactic evolution
galactic halos
galactic magnetic fields
use interstellar magnetic fields
galactic mass
galactic nuclei
active **galactic** nuclei
galactic radiation
Galactic Radiation Exp Background sats
use GREB satellites
galactic radio waves
galactic rotation
galactic structure
galactic winds
galactose
Galatea
galaxies
active **galaxies**
barred **galaxies**
central bulge **(galaxies)**
compact **galaxies**
disk **galaxies**
dwarf **galaxies**
elliptical **galaxies**
interacting **galaxies**
irregular **galaxies**
Maffei **galaxies**
Markarian **galaxies**
nuclear bulge **(galaxies)**
peculiar **galaxies**
radio **galaxies**
ring **galaxies**
Seyfert **galaxies**
shell **galaxies**
spiral **galaxies**
starburst **galaxies**
Andromeda **Galaxy**
Milky Way **Galaxy**
Galaxy aircraft
use C-5 aircraft
galaxy formation
use galactic evolution
galaxy groups
use galactic clusters
galaxy interaction
use interacting galaxies
Galerkin method
Galilean satellites
Galileo mission
use Galileo project
Galileo probe
Galileo project
Galileo spacecraft
gall
gallamine triethiodide
gallates
sodium **gallates**
whispering **gallery** modes
gallium
gallium alloys
gallium antimonides
gallium arsenide lasers
aluminum **gallium** arsenide lasers
gallium arsenides
aluminum **gallium** arsenides
indium **gallium** arsenides
gallium compounds
gadolinium- **gallium** garnet
gallium isotopes
gallium nitrides
gallium oxides
gallium phosphides
gallium selenides
galvanic cells
use electrolytic cells
galvanic skin response
galvanizing
use zinc coatings
galvanomagnetic effects
galvanomagnetism
use galvanomagnetic effects
galvanometers
Gamble

game theory
saddle points **(game** theory)
war **games**
gametocytes
gamma function
gamma globulin
H **gamma** line
gamma radiation
use gamma rays
gamma ray absorptiometry
gamma ray absorption
gamma ray astronomy
Gamma Ray Astronomy Explorer
use Explorer 11 satellite
gamma ray beams
gamma ray bursts
cosmic **gamma** ray bursts
use gamma ray bursts
gamma ray lasers
Gamma Ray Observatory
Compton **Gamma** Ray Observatory
use Gamma Ray Observatory
gamma ray sources (astronomy)
gamma ray spectra
gamma ray spectrometers
gamma ray telescopes
gamma rays
ganglia
gantries
use gantry cranes
gantry cranes
Ganymede
miscibility **gap**
GAP (propellants)
use glycidyl azide polymer
gaps
spark **gaps**
gaps (geology)
energy **gaps** (solid state)
garbage
garments
gadolinium-gallium **garnet**
GGG **(garnet)**
YAG **(garnet)**
YIG **(garnet)**
yttrium-aluminum **garnet**
yttrium-iron **garnet**
garnets
GARP
use Global Atmospheric Research Program
GARP Atlantic Tropical Experiment
cold **gas**
compressed **gas**
electron **gas**
gray **gas**
ideal **gas**
interplanetary **gas**
interstellar **gas**
Lennard-Jones **gas**
liquefied natural **gas**
Lorentz **gas**
natural **gas**
nongray **gas**
perfect **gas**
use ideal gas
residual **gas**
gas analysis
gas atomization
gas bags
gas bearings
gas chromatography
gas composition
rare **gas** compounds
gas cooled fast reactors
gas cooled reactors
experimental **gas** cooled reactors
high temperature **gas** cooled reactors
gas cooling
gas density
gas detectors
gas diffusion
use gaseous diffusion
gas discharge counters
use counters
gas discharge tubes
gas discharge tubes
gas discharges
gas dissociation
gas dynamics
rarefied **gas** dynamics
gas evacuating
use evacuating (vacuum)
gas evolution
gas exchange
gas expansion
Stratospheric Aerosol & **Gas** Experiment
use SAGE satellite
natural **gas** exploration
gas explosions
gas flow
draft **(gas** flow)
gas generator engines
use engines
gas generators
gas generators
gas giant planets
gas guns
light **gas** guns
rare **gas**–halide lasers
gas heating
gas injection
gas- **gas** interactions
ion- **gas** interactions
gas–ion interactions
gas ionization
gas jets
gas lasers
gas liquefaction
use condensing
gas–liquid interactions
gas lubricants
gas lubricated bearings
use gas bearings
gas masers
gas–metal interactions
gas meters
gas mixtures
detonable **gas** mixtures
liquid- **gas** mixtures
Lighthill **gas** model
gas path analysis
gas phases
use vapor phases
gas pipes
gas pockets
gas pressure
gas reactors

gas recovery
gas–solid interactions
gas–solid interfaces
gas spectroscopy
gas streams
hot **gas** systems
use high temperature gases
metal-**gas** systems
gas temperature
gas transport
gas tubes
gas tungsten arc welding
gas turbine engines
gas turbines
gas valves
gas viscosity
gas welding
tungsten inert **gas** welding
use gas tungsten arc welding
gasdynamic lasers
gaseous cavitation
use cavitation flow
gas flow
gaseous diffusion
gaseous fission reactors
gaseous fuels
gaseous rocket propellants
gaseous self-diffusion
gases
atomic **gases**
use monatomic gases
coal derived **gases**
cosmic **gases**
diatomic **gases**
dissolved **gases**
exhaust **gases**
explosive **gases**
use flammable gases
flammable **gases**
flue **gases**
high temperature **gases**
hot **gases**
use high temperature gases
inert **gases**
use rare gases
ionized **gases**
liquefied **gases**
low density **gases**
use rarefied gases
molecular **gases**
monatomic **gases**
neutral **gases**
noble **gases**
use rare gases
noncondensable **gases**
nonpolar **gases**
polar **gases**
polyatomic **gases**
rare **gases**
rarefied **gases**
real **gases**
solidified **gases**
gasification
coal **gasification**
gaskets
gasohol (fuel)
gasoline

GASP
use Global Air Sampling Program
Gaspra asteroid
gastrointestinal system
GATE (experiment)
use GARP Atlantic Tropical
Experiment
gates
OR-**gates**
threshold **gates**
gates (circuits)
gates (openings)
gauge invariance
Weinberg-Salam **Gauge** Model
use electroweak model
gauge theory
Gauss equation
Gauss function
use Gauss equation
Gauss–Markov theorem
linear quadratic **Gaussian** control
Gaussian distributions
use normal density functions
Gaussian elimination
Gaussian noise
use random noise
Gaussmeters
use magnetometers
gauze
GAW–1 airfoil
GAW–2 airfoil
GC–130 aircraft
GCR (reactors)
use gas cooled reactors
GDOP
use geometric dilution of precision
XJ-79-**GE–1** engine
YJ-73-**GE–3** engine
YJ-93-**GE–3** engine
GE 625 computer
GE 635 computer
GE computers
gear
arresting **gear**
landing **gear**
retractable landing **gear**
use landing gear
retractable equipment
gear teeth
gearboxes
use transmissions (machine
elements)
gears
racks **(gears)**
gegenschein
gehlenite
Geiger counters
Geiger–Mueller tubes
silica **gel**
gel permeation chromatography
use liquid chromatography
sol-**gel** processes
gelatine
gelation
gelbstoff
use dissolved organic matter
gelled propellants
gelled rocket propellants
gels

Gemini 2 spacecraft
Gemini 3 flight
Gemini 4 flight
Gemini 5 flight
Gemini 6 flight
Gemini 7 flight
Gemini 8 flight
Gemini 9 flight
Gemini 10 flight
Gemini 11 flight
Gemini 12 flight
Gemini B spacecraft
Gemini flights
Gemini (GT-1) spacecraft
Gemini project
Gemini spacecraft
Geminid meteoroids
gene expression
gene regulation
use gene expression
general aviation aircraft
General Aviation Whitcomb airfoil
use GAW-1 airfoil
GAW-2 airfoil
Atmospheric **General** Circulation Experiment
Atmospheric **General** Circulation Models
General Dynamics aircraft
General Electric computers
use GE computers
general overviews
generalization (psychology)
system **generated** electromagnetic pulses
generation
combined cycle power **generation**
heat **generation**
nuclear electric power **generation**
nuclear power **generation**
use nuclear electric power generation
plasma **generation**
use plasma generators
solar power **generation**
use solar generators
thermionic power **generation**
thermoelectric power **generation**
thermonuclear power **generation**
vortex **generation**
use vortex generators
wave **generation**
grid **generation** (mathematics)
mesh **generation** (mathematics)
use grid generation (mathematics)
harmonic **generations**
ASTEC solar turboelectric **generator**
gas **generator** engines
use engines
gas generators
generators
AC **generators**
acoustic **generators**
use sound generators
alternating current **generators**
use AC generators
alternators **(generators)**
arc **generators**
cavity vapor **generators**
colloidal **generators**
DC **generators**
direct current **generators**
use DC generators
direct power **generators**
electric **generators**
electrostatic **generators**
function **generators**
gas **generators**
Hall **generators**
harmonic **generators**
homopolar **generators**
impulse **generators**
magnetohydrodynamic **generators**
Nernst **generators**
use thermomagnetic cooling
noise **generators**
optical **generators**
use laser cavities
photoelectric **generators**
plasma **generators**
power **generators**
use electric generators
pulse **generators**
quantum **generators**
use stimulated emission devices
report **generators**
rotating **generators**
shock wave **generators**
signal **generators**
solar **generators**
sound **generators**
steam **generators**
use boilers
subharmonic **generators**
test pattern **generators**
thermoelectric **generators**
tide powered **generators**
vapor **generators**
use vaporizers
voltage **generators**
vortex **generators**
windpowered **generators**
genes
genetic algorithms
genetic code
genetic diversity
use biological diversity
genetic engineering
genetics
Genie rocket vehicle
genitourinary system
GEO environments
use Earth orbital environments
geoastrophysics
use astrophysics
geobotany
geocentric coordinates
geochemistry
geochronology
geocoronal emissions
geocyclotrons
geodesic lines
geodesy
celestial **geodesy**
International Satellite **Geodesy** Experiment
geodetic accuracy
geodetic coordinates
geodetic satellites
geodetic surveys
geodimeters

Geodynamic Experimental Ocean Satellite
use GEOS-D satellite
Laser **Geodynamic** Satellite
use LAGEOS (satellite)
geodynamics
geoelectricity
geofabrics
use geotechnical fabrics
geofractures
use geological faults
geographic applications program
geographic distribution
geographic information systems
geography
geoids
GEOLE satellites
geological faults
geological surveys
geology
beds **(geology)**
contacts **(geology)**
crossbedding **(geology)**
dikes **(geology)**
domes **(geology)**
fissures **(geology)**
folds **(geology)**
gaps **(geology)**
kettles **(geology)**
lunar **geology**
metamorphism **(geology)**
outlets **(geology)**
planetary **geology**
polar wandering **(geology)**
radar **geology**
scars **(geology)**
shields **(geology)**
sinks **(geology)**
splits **(geology)**
structural properties **(geology)**
subduction **(geology)**
geomagnetic anomalies
use magnetic anomalies
geomagnetic crotchets
use sudden ionospheric disturbances
geomagnetic effects
use magnetic effects
geomagnetic equator
use magnetic equator
geomagnetic field
use geomagnetism
geomagnetic hollow
geomagnetic latitude
geomagnetic micropulsations
geomagnetic pulsations
geomagnetic storms
use magnetic storms
geomagnetic tail
geomagnetically trapped particles
use radiation belts
geomagnetism
geometric accuracy
geometric dilution of precision
geometric rectification (imagery)
geometrical acoustics
geometrical hydromagnetics
use magnetohydrodynamics
geometrical optics
geometrical theory of diffraction
geometrodynamics
use relativity
geometry
analytic **geometry**
angles **(geometry)**
Bose **geometry**
chords **(geometry)**
circles **(geometry)**
computational **geometry**
crack **geometry**
curves **(geometry)**
descriptive **geometry**
differential **geometry**
duct **geometry**
Euclidean **geometry**
flow **geometry**
lines **(geometry)**
nonEuclidian **geometry**
use differential geometry
nozzle **geometry**
projective **geometry**
specimen **geometry**
surface **geometry**
tank **geometry**
coordinate **geometry** language
use COGO (programming language)
hole **geometry** (mechanics)
variable **geometry** structures
geomorphology
Geon (trademark)
use polyvinyl chloride
geophysical fluid flow cells
geophysical fluids
geophysical observatories
Eccentric **Geophysical** Observatory
use EGO
Eccentric Orbit **Geophysical** Observatory
use EGO
Orbiting **Geophysical** Observatory
use OGO
Polar Orbit **Geophysical** Observatory
use POGO
geophysical satellites
IGY **(geophysical** year)
International **Geophysical** Year
geophysics
geopotential
geopotential height
Geopotential Research Mission
geopressure
Georgia
Georgia (Eurasia)
GEOS 1 satellite
GEOS 2 satellite
GEOS 3 satellite
GEOS–B satellite
GEOS–C satellite
GEOS–D satellite
GEOS satellites (ESA)
GEOS satellites (ESRO)
use GEOS satellites (ESA)
Geosari project
Geosat satellites
Mars **Geoscience** Climatology Orbiter
use Mars Observer
geosphere
use lithosphere
International **Geosphere**–Biosphere program

Geostationary Operational Environ Sats
use GOES satellites
Geostationary Operati Environ Satellite B
use GOES 2
geostationary platforms
use synchronous platforms
geostationary satellites
use synchronous satellites
geostrophic wind
Geosynchronous Earth Orbital Environments
use Earth orbital environments
geosynchronous orbits
geosynclines
geotechnical engineering
geotechnical fabrics
geotemperature
geotextiles
use geotechnical fabrics
geothermal anomalies
geothermal energy conversion
geothermal energy extraction
geothermal energy utilization
geothermal resources
geothermal technology
geothermometry
use geotemperature
geotropism
GEP telescopes
use particle telescopes
Gerdien arc heaters
use arc heating
heating equipment
Gerdien condensers
geriatrics
German Democratic Republic
use East Germany
German Infrared Laboratory
German space program
germanates
magnesium **germanates**
germanides
magnesium **germanides**
germanium
germanium alloys
germanium antimonides
germanium chlorides
germanium compounds
organic **germanium** compounds
germanium diodes
germanium isotopes
germanium oxides
germanium rectifiers
use germanium diodes
Germany
East **Germany**
Federal Republic of **Germany**
use West Germany
Peoples Democratic Republic of **Germany**
use East Germany
West **Germany**
germicides
use bactericides
germination
germinators
use phytotrons
gerontology

GERT
Gestalt theory
Get Away Specials (STS)
GETOL aircraft
getters
geysers
GGG (garnet)
use gadolinium-gallium garnet
Ghana
ghosts
Giacobini-Zinner comet
asymptotic **giant** branch stars
gas **giant** planets
giant stars
red **giant** stars
gibberellins
Gibbs adsorption equation
Gibbs equations
Gibbs free energy
Gibbs-Helmholtz equations
Gibbs phenomenon
Gibraltar
gimballess inertial navigation
gimbals
Ginga satellite
Landau-**Ginzburg** equations
Giotto mission
girder webs
girders
girdles
glacial drift
cloud **glaciation**
glaciers
active **glaciers**
use glaciers
advancing **glaciers**
use glaciers
glaciofluvial deposits
use glacial drift
glaciology
adrenal **gland**
parathyroid **gland**
parotid **gland**
use salivary glands
pineal **gland**
pituitary **gland**
prostate **gland**
thymus **gland**
thyroid **gland**
glands
endocrine **glands**
mammary **glands**
salivary **glands**
sebaceous **glands**
sex **glands**
glands (anatomy)
glands (seals)
glare
glass
borosilicate **glass**
E **glass**
obsidian **glass**
S **glass**
silica **glass**
spin **glass**
glass coatings
glass electrodes
glass fiber reinforced plastics
glass fibers

glass lasers
glass transition temperature
metallic **glasses**
glassware
glassy carbon
Glauber theory
glaucoma
Glauert coefficient
use aerodynamic forces
Mach number
glazes
glide angles
use glide paths
glide landings
glide paths
glide slopes
use glide paths
Dyna-Soar space **glider**
use X-20 aircraft
gliders
ASSET **gliders**
hang **gliders**
hypersonic **gliders**
inflatable **gliders**
reentry **gliders**
use lifting reentry vehicles
space **gliders**
use lifting reentry vehicles
gliding
Glimm method
glint
global air pollution
Global Air Sampling Program
Global Atmospheric Research Program
Global Communications Antenna Grid (navy)
use Seafarer project
integrated **global** ocean station systems
Global Orbiting Navigation Satellite Sys
use GLONASS
Global Positioning System
Global Tracking Network
global warming
globes
globular clusters
globules
gamma **globulin**
globulins
glomerulus
GLONASS
glossaries
use dictionaries
space **glossaries**
Gloster GA-5 aircraft
use GA-5 aircraft
GLOTRAC (tracking network)
use Global Tracking Network
glottis
gloves
glow
use luminescence
cathode **glow**
shuttle **glow**
use spacecraft glow
spacecraft **glow**
twilight **glow**
glow discharges

glucose
glucosides
glues
gluons
glutamates
glutamic acid
glutamine
glutathione
glycerides
glycerine
use glycerols
glycerols
glycidyl azide polymer
glycine
glycogens
glycols
glycolysis
glycosides
use glucosides
gneiss
gnomonic projection
gnotobiotics
GNP
use gross national product
goal theory
goals
goats
Gobi desert
Goddard experiment package telescope
use particle telescopes
Goddard Trajectory Determination System
Goertler instability
Taylor- **Goertler** instability
GOES 1
GOES 2
GOES 3
GOES 4
GOES 5
GOES 6
GOES 7
GOES 8
GOES 9
GOES satellites
goggles
Golay detector cells
gold
gold 198
gold alloys
gold coatings
gold isotopes
gold plate
use gold coatings
Gompertz curves
gonads
gondolas
goniometers
goodness of fit
Blue **Goose** missile
Clebsch- **Gordan** coefficients
Klein- **Gordon** equation
gores
gorges
use canyons
GOSS (support system)
use ground operational support system
government/industry relations

government procurement
governments
governors
use speed regulators
Van de **Graaff** accelerators
grabens
use geological faults
grade
graded index optics
use gradient index optics
steep **gradient** aircraft
use V/STOL aircraft
gradient index devices
use gradient index optics
gradient index optics
functionally **gradient** materials
conjugate **gradient** method
gravity **gradient** satellites
gradients
potential **gradients**
pressure **gradients**
temperature **gradients**
gradiometers
gravity **gradiometers**
graduation
use calibrating
Graeff calculus
grafting
skin **grafts**
grain boundaries
grain bridging
use crack bridging
grain size
grains
propellant **grains**
grains (food)
grammars
Granat satellite
Grand Canyon (AZ)
Grand Tours
grand unified theory
Rio **Grande** (North America)
granite
grants
granular materials
solar **granulation**
graph theory
graphic arts
graphic evaluation and review techniques
use GERT
graphical user interface
computer **graphics**
interactive **graphics**
use computer graphics
graphite
pyrolytic **graphite**
aluminum **graphite** composites
graphite–epoxy composites
graphite–polyimide composites
sodium **graphite** reactors
graphitization
graphoepitaxy
graphology
bond **graphs**
flow **graphs**
signal flow **graphs**
graphs (charts)
Grashof number

Bhatnagar- **Grass**–Krook model
grasses
sea **grasses**
grasshoppers
grasslands
Grassmann algebra
use vector spaces
interference **grating**
gratings
Bragg **gratings**
diffraction **gratings**
use gratings (spectra)
echelette **gratings**
echelle **gratings**
gratings (spectra)
graupel
gravel deposits
use gravels
gravels
gravimeters
gravimetry
thermal **gravimetry**
use thermogravimetry
gravireceptors
gravitation
Earth **gravitation**
lunar **gravitation**
planetary **gravitation**
solar **gravitation**
stellar **gravitation**
gravitation theory
gravitational binding energy
gravitational collapse
gravitational constant
gravitational effects
lunar **gravitational** effects
gravitational fields
gravitational instability
gravitational lenses
gravitational physiology
gravitational potential
use gravitational fields
gravitational radiation
use gravitational waves
gravitational wave antennas
gravitational waves
gravitinos
gravitons
gravitropism
gravity
use gravitation
artificial **gravity**
center of **gravity**
low **gravity**
use microgravity
reduced **gravity**
use microgravity
specific **gravity**
use density (mass/volume)
zero **gravity**
use weightlessness
high **gravity** (acceleration)
use high gravity environments
gravity anomalies
gravity assist trajectories
use swingby technique
high **gravity** environments
gravity gradient satellites
gravity gradiometers

low **gravity** manufacturing
gravity meters
  use gravimeters
Gravity Probe B
Lunar **Gravity** Simulator
gravity waves
Gravsat satellites
  use Geopotential Research Mission
gray gas
grey scale
grazing
grazing flow
grazing incidence
Grazing Incidence Solar Telescope
  use GRIST (telescope)
grazing incidence telescopes
grazing lands
  use grasslands
greases
Great Basin (US)
Great Britain
  use United Kingdom
great circles
International Field Year for **Great** Lakes
Great Lakes (North America)
Great Plains Corridor (North America)
Great Salt Lake (UT)
Great Smoky Mountains (NC-TN)
GREB satellites
Greece
Greek space program
blue **green** algae
green wave effect
Green's functions
Green's theorem
  use Green's functions
greenhouse effect
greenhouses
Greenland
Gregorian antennas
Grenada
grenades
grid generation (mathematics)
wire **grid** lenses
Global Communications Antenna **Grid** (navy)
  use Seafarer project
underground radio antenna **grid** (navy)
  use Seafarer project
grids
computational **grids**
multiblock **grids**
multiple blocked **grids**
  use multiblock grids
tube **grids**
grids (mathematics)
  use computational grids
structured **grids** (mathematics)
unstructured **grids** (mathematics)
Griffith crack
Griffon aircraft
  use Nord 1500 aircraft
Grigg-Skjellerup comet
Grignard reactions
GRIN (optics)
  use gradient index optics
grinding
electrolytic **grinding**
  use electrochemical machining
metal **grinding**
grinding (comminution)
grinding machines
ultrasonic **grinding** machines
  use ultrasonic machining
grinding (material removal)
grinding mills
Gripen aircraft
  use JAS-39 aircraft
GRIST (telescope)
grit
grooves
V **grooves**
grooving
gross national product
ground based control
space surveillance **(ground** based)
ground clouds
  use exhaust clouds
ground-air- **ground** communication
ground crews
ground effect (aerodynamics)
ground effect (communications)
Cushioncraft **ground** effect machine
DTMB-111 **ground** effect machine
  use ground effect machines
DTMB-430 **ground** effect machine
  use ground effect machines
SR-N2 **ground** effect machine
  use Westland ground effect machines
SR-N3 **ground** effect machine
  use Westland ground effect machines
SR-N5 **ground** effect machine
  use Westland ground effect machines
Westland SR-N2 **ground** effect machine
  use Westland ground effect machines
Westland SR-N3 **ground** effect machine
  use Westland ground effect machines
Westland SR-N5 **ground** effect machine
  use Westland ground effect machines
ground effect machines
HD-1 **ground** effect machines
  use hovercraft ground effect machines
hovercraft **ground** effect machines
Westland **ground** effect machines
ground handling
ground operational support system
ground penetrating radar
ground resonance
ground speed
ground squirrels
ground state
ground stations
ground support equipment
satellite **ground** support
ground support systems
ground tests
ground-to-air missiles
ground tracks
satellite **ground** tracks
ground truth
ground water
ground wave propagation

ground wind
electrical **grounding**
groundwater
  use ground water
carboxyl **group**
transponder control **group**
Group 1A compounds
  use alkali metal compounds
Group 1B compounds
Group 2A compounds
  use alkaline earth compounds
Group 2B compounds
Group 3A compounds
Group 3B compounds
Group 4A compounds
Group 4B compounds
Group 5A compounds
Group 5B compounds
Group 6A compounds
Group 6B compounds
Group 7A compounds
  use halogen compounds
Group 7B compounds
Group 8 compounds
local **group** (astronomy)
group behavior
  use group dynamics
group dynamics
renormalization **group** methods
group theory
group velocity
groups
blood **groups**
galaxy **groups**
  use galactic clusters
lie **groups**
propargyl **groups**
spinor **groups**
grout
growth
crop **growth**
crystal **growth**
hydrothermal-crystal **growth**
melts (crystal **growth)**
protein crystal **growth**
vegetation **growth**
growth chambers
  use phytotrons
Grumman aircraft
Grumman OV-1C aircraft
  use OV-1 aircraft
Gruneisen constant
Gemini **(GT** -1) spacecraft
GTDS
  use Goddard Trajectory Determination System
Guadeloupe
Guam
guanethidine
guanidines
guanines
guanosines
guards (shields)
Guatemala
guayule
GUI (computers)
  use graphical user interface
French **Guiana**
aircraft **guidance**
beam rider **guidance**
command **guidance**
inertial **guidance**
injection **guidance**
laser **guidance**
map matching **guidance**
midcourse **guidance**
missile **guidance**
  use missile control
reentry **guidance**
rendezvous **guidance**
satellite **guidance**
spacecraft **guidance**
SSGS (standardized space **guidance)**
standardized space **guidance**
strapdown inertial **guidance**
terminal **guidance**
guidance (motion)
guidance sensors
entry **guidance** (STS)
laser **guide** stars
guide vanes
guided missile submarines
precision **guided** projectiles
automated **guideway** transit vehicles
Guinea
British **Guinea**
  use Guyana
Papua New **Guinea**
New **Guinea** (island)
guinea pigs
Persian **Gulf**
Gulf of Alaska
Gulf of California (Mexico)
Gulf of Mexico
Gulf Stream
gulfs
Gum nebula
gum vulcanizates
  use vulcanized elastomers
Gumbel theory
  use range (extremes)
gums (substances)
gun launchers
gun propellants
gun turrets
gunfire
Gunn diodes
Gunn effect
gunnery training
gunpowder
  use gun propellants
guns
crossed field **guns**
electron **guns**
gas **guns**
hypervelocity **guns**
light gas **guns**
plasma **guns**
guns (ordnance)
gust alleviators
gust loads
gustatory perception
  use taste
gusts
GUT
  use grand unified theory
Gutenberg zone
guy wires

Guyana
gymnastics
  use physical exercise
gynecology
gypsum
gyrals
  use gyres
gyration
gyrators
gyres
gyro horizons
gyrocompasses
gyrodampers
Gyrodyne aircraft
Gyrodyne DSN-3 helicopter
  use QH-50 helicopter
Gyrodyne military aircraft
  use QH-50 helicopter
gyrofrequency
gyrointeraction
  use magnetic rigidity
gyromagnetism
gyroplanes
  use helicopters
gyros
  use gyroscopes
attitude **gyros**
gyroscope fluids
gyroscopes
control moment **gyroscopes**
cryogenic **gyroscopes**
electrically suspended **gyroscopes**
  use electrostatic gyroscopes
electrostatic **gyroscopes**
ESG **(gyroscopes)**
fluid rotor **gyroscopes**
laser **gyroscopes**
nuclear **gyroscopes**
optical **gyroscopes**
pendulous **gyroscopes**
  use gyroscopic pendulums
rotary **gyroscopes**
tuning fork **gyroscopes**
gyroscopic coupling
gyroscopic drift
  use gyroscopes
    gyroscopic stability
gyroscopic pendulums
gyroscopic stability
gyrostabilizers
gyrostats
  use gyroscopes
gyrotrons
  use cyclotron resonance devices
gyrotropism

H

IMP- **H**
OSO- **H**
Space Shuttle mission 51- **H**
H-1 engine
H-2 orbiting plane
H-13 helicopter
H-17 helicopter
H-19 helicopter
H-21 helicopter
H-23 helicopter
H-25 helicopter
H-34 helicopter
H-43 helicopter
H-51 helicopter
H-53 helicopter
H-54 helicopter
H-58 helicopter
H-60 Helicopter
H-126 aircraft
Hunting **H-126** aircraft
H alpha line
H beta line
H gamma line
H I regions
H-II orbiting plane
H II regions
H-infinity control
H lines
TIROS **H** satellite
  use TIROS 8 satellite
space plasma **H**/V interaction experiments
H waves
habitability
habitats
space **habitats**
habits
habituation (learning)
hadrons
hafnium
hafnium alloys
hafnium carbides
hafnium compounds
hafnium iodides
hafnium isotopes
hafnium oxides
hahnium
hail
hailstones
  use hail
hailstorms
hair
hairpin vortices
  use horseshoe vortices
Haiti
HAL/S (language)
Halden Boiling Water Reactor
Halden reactor
  use Halden Boiling Water Reactor
half cones
half life
half planes
half spaces
rare gas- **halide** lasers
halides
alkali **halides**
cesium **halides**
metal **halides**
silver **halides**
tungsten **halides**
halites
Hall accelerators
Hall coefficient
  use Hall effect
Hall currents
  use electric current
    Hall effect
Hall effect

Hall generators
Hallam Nuclear Power Facility
HNPF **(Hallam** Nuclear Power Facility)
Halley's comet
hallucinations
Halo Orbit space station
halocarbons
HALOE
use Halogen Occultation Experiment
halogen compounds
Halogen Occultation Experiment
halogenation
halogens
halophiles
halos
galactic **halos**
Halphen method
Hamburger aircraft
Hamburger HFB-320 aircraft
use HFB-320 aircraft
Hamilton–Jacobi equation
Hamiltonian functions
water **hammer**
hammerhead configuration
hammers
electromagnetic **hammers**
New **Hampshire**
hamsters
hand (anatomy)
handbooks
handedness
handicaps
use disabilities
handles
Handley Page aircraft
Handley Page HP-115 aircraft
use HP-115 aircraft
ground **handling**
materials **handling**
remote **handling**
handling equipment
handling qualities
use controllability
data **handling** systems
use data systems
mechanical **hands**
use end effectors
robot **hands**
use end effectors
hands (robotics)
use end effectors
handwriting
Hanford reactors
hang gliders
hangars
aircraft **hangars**
use hangars
suspending **(hanging)**
Hankel functions
Hansen lunar theory
haploscopes
harbors
artificial **harbors**
hard coal
use anthracite
hard landing
hardeners
hardening
age **hardening**
use precipitation hardening
cold **hardening**
dispersion precipitation **hardening**
use precipitation hardening
metal **hardening**
use hardening (materials)
precipitation **hardening**
radiation **hardening**
strain **hardening**
work **hardening**
hardening (materials)
hardening (systems)
hardness
Knoop **hardness**
Rockwell **hardness**
hardness tests
hardware
hardware description languages
hardware utilization lists
Harleton meteorite
harmonic analysis
harmonic control
harmonic excitation
harmonic functions
harmonic generations
harmonic generators
harmonic motion
simple **harmonic** motion
harmonic oscillation
harmonic oscillators
harmonic radiation
harmonics
spherical **harmonics**
tesseral **harmonics**
zonal **harmonics**
harnesses
Herbig- **Haro** objects
Harpoon missile
Harrier aircraft
Hartmann flow
Hartmann number
Hartree–Appleton approximation
Hartree approximation
Hartree–Fock approximation
Hartree–Fock-Slater method
Harvard Radio Meteor Project
Hastelloy (trademark)
hatches
Cape **Hatteras** (NC)
short **haul** aircraft
hauling
Campbell- **Hausdorff** series
New **Haven** (CT)
de **Havilland** aircraft
de **Havilland** DH 106 aircraft
use Comet 4 aircraft
de **Havilland** DH 112 aircraft
use DH 112 aircraft
de **Havilland** DH 115 aircraft
use DH 115 aircraft
de **Havilland** DH 121 aircraft
use DH 121 aircraft
de **Havilland** DH 125 aircraft
use DH 125 aircraft
de **Havilland** DHC 4 aircraft
use DHC 4 aircraft

de **Havilland** DHC 5 aircraft
use DHC 5 aircraft
de **Havilland** Venom aircraft
use DH 112 aircraft
Hawaii
Black **Hawk** assault helicopter
use H-60 Helicopter
Hawk missile
Hawker Hunter aircraft
use F-2 aircraft
Hawker P-1127 aircraft
use P-1127 aircraft
Hawker P-1154 aircraft
use P-1154 aircraft
Hawker Siddeley aircraft
Hawkeye 1 satellite
use Explorer 52 satellite
Hawkeye aircraft
use E-2 aircraft
Hawkeye satellites
hay
Haynes Stellite
use Stellite (trademark)
HAZ (metallurgy)
use heat affected zone
toxicity and safety **hazard**
hazardous material disposal (in space)
hazardous materials
hazardous wastes
hazards
aircraft **hazards**
flight **hazards**
meteor **hazards**
use meteoroid hazards
meteoroid **hazards**
noise **hazards**
use hazards
noise (sound)
operational **hazards**
radiation **hazards**
toxic **hazards**
haze
haze detection
HBNQ
use nitroguanidine
HBWR reactor
use Halden Boiling Water Reactor
HC-1 helicopter
HC-3 helicopter
Omnipol **HC-3** helicopter
HCL argon lasers
HCL lasers
HCMM
use Heat Capacity Mapping Mission
HCN lasers
HD-1 ground effect machines
HDL (computers)
use hardware description languages
HDTV
use high definition television
head (anatomy)
head down tilt
head flow
head (fluid mechanics)
head movement
head (pressure)
use pressure heads
head-up displays

headache
headers
comet **heads**
coral **heads**
use coral reefs
pressure **heads**
recording **heads**
headsets
use earphones
healing
wound **healing**
health
mental **health**
public **health**
Health-Education Telecommunications
exp
systems **health** monitoring
health physics
Health Physics Research Reactor
HEAO
HEAO 1
HEAO 2
HEAO 3
HEAO 4
HEAO A
use HEAO 1
HEAO B
use HEAO 2
HEAO C
use HEAO 3
HEAO D
use HEAO 4
hearing
binaural **hearing**
hearing loss
use auditory defects
heart
heart diseases
heart function
heart implantation
heart minute volume
heart rate
heart valves
artificial **heart** valves
hearths
heat
combustion **heat**
use heat of combustion
dry **heat**
formation **heat**
use heat of formation
fusion **heat**
use heat of fusion
latent **heat**
nuclear **heat**
process **heat**
specific **heat**
vaporization **heat**
use heat of vaporization
waste **heat**
heat acclimatization
heat affected zone
heat balance
heat budget
atmospheric **heat** budget
heat capacity
use specific heat
Heat Capacity Mapping Mission

heat conduction
use conductive heat transfer
heat content
use enthalpy
heat dissipation
use cooling
heat dissipation chilling
use cooling
heat effects
use temperature effects
heat engines
heat equations
use thermodynamics
heat exchangers
tube **heat** exchangers
heat flow
use heat transmission
heat flux
heat gain
use heating
heat generation
heat islands
heat measurement
heat of combustion
heat of dissociation
heat of formation
heat of fusion
latent **heat** of fusion
use heat of fusion
heat of solution
heat of vaporization
heat pipes
heat pumps
heat radiators
heat regulation
use temperature control
heat rejection devices
use heat radiators
heat resistance
use thermal resistance
heat resistant alloys
heat shielding
reusable **heat** shielding
heat sinks
heat sources
heat storage
solar ponds (**heat** storage)
heat stroke
heat tapes
heat tests
use high temperature tests
Nernst **heat** theorem
use Nernst-Ettingshausen effect
heat tolerance
heat transfer
aerodynamic **heat** transfer
heat transfer coefficients
conductive **heat** transfer
convective **heat** transfer
hypersonic **heat** transfer
laminar **heat** transfer
radiative **heat** transfer
supersonic **heat** transfer
turbulent **heat** transfer
heat transmission
heat treatment
normalizing (**heat** treatment)
heaters
Gerdien arc **heaters**
use arc heating
heating equipment
heating
aerodynamic **heating**
arc **heating**
atmospheric **heating**
base **heating**
electron cyclotron **heating**
gas **heating**
induction **heating**
ionospheric **heating**
Joule **heating**
use ohmic dissipation
resistance heating
kinetic **heating**
laser **heating**
magnetohydrodynamic shear **heating**
plasma **heating**
pulse **heating**
radiant **heating**
radiation **heating**
use radiant heating
radio frequency **heating**
resistance **heating**
shock **heating**
solar **heating**
transient **heating**
water **heating**
space **heating** (buildings)
heating equipment
hydraulic **heating** sources
use heat sources
hydraulic equipment
heaving
heavy cosmic ray primaries
use heavy nuclei
primary cosmic rays
heavy elements
heavy ion collisions
use ionic collisions
heavy ions
heavy lift airships
heavy lift helicopters
heavy lift launch vehicles
heavy nuclei
heavy water
heavy water components test reactors
heavy water reactors
HEF (high energy fuels)
use high energy fuels
height
geopotential **height**
mixing **height**
pulse **height**
use pulse amplitude
scale **height**
cloud **height** indicators
Heinkel aircraft
Heisenberg theory
Bethe- **Heitler** formula
Helene
helical antennas
helical flow
helical inducers
helical windings
helices
AH-1G **helicopter**
AH-1S **helicopter**

AH-1W **helicopter**
AH-63 **helicopter**
AH-64 **helicopter**
Alouette 3 **helicopter**
use SE-3160 helicopter
Bell 214A **helicopter**
Black Hawk assault **helicopter**
use H-60 Helicopter
BO-105 **helicopter**
CH-3 **helicopter**
CH-21 **helicopter**
CH-34 **helicopter**
CH-46 **helicopter**
CH-47 **helicopter**
CH-53 **helicopter**
use H-53 helicopter
CH-54 **helicopter**
CH-62 **helicopter**
CH-113 **helicopter**
use CH-46 helicopter
Chinook **helicopter**
use CH-47 helicopter
Choctaw **helicopter**
use CH-34 helicopter
CL-595 **helicopter**
use XH-51 helicopter
Dash **helicopter**
use QH-50 helicopter
DSN **helicopter**
use QH-50 helicopter
EH-101 **helicopter**
F-28 **helicopter**
FH-1100 **helicopter**
use OH-5 helicopter
Flying Crane **helicopter**
use H-17 helicopter
Gyrodyne DSN-3 **helicopter**
use QH-50 helicopter
H-13 **helicopter**
use OH-13 helicopter
H-17 **helicopter**
H-19 **helicopter**
H-21 **helicopter**
use CH-21 helicopter
H-23 **helicopter**
use OH-23 helicopter
H-25 **helicopter**
H-34 **helicopter**
use CH-34 helicopter
H-43 **helicopter**
H-51 **helicopter**
use XH-51 helicopter
H-53 **helicopter**
H-54 **helicopter**
H-56 **helicopter**
H-60 **Helicopter**
HC-1 **helicopter**
use CH-47 helicopter
HC-3 **helicopter**
Heliliner **(helicopter)**
HH-43 **helicopter**
HH-43B **helicopter**
use HH-43 helicopter
HH-65 **helicopter**
HHX **helicopter**
use H-53 helicopter
HO-4 **helicopter**
use OH-4 helicopter
HO-5 **helicopter**
use OH-5 helicopter
HO-6 **helicopter**
use OH-6 helicopter
HRB-1 **helicopter**
use CH-46 helicopter
HSS-2 **helicopter**
use SH-3 helicopter
HU-1 **helicopter**
use UH-1 helicopter
HU2K-1 **helicopter**
use UH-2 helicopter
HUS-1 **helicopter**
use UH-34 helicopter
Huskie **helicopter**
use HH-43 helicopter
Iroquois **helicopter**
use UH-1 helicopter
Jayhawk **helicopter**
use H-60 Helicopter
Kaman UH-2A **helicopter**
use UH-2 helicopter
Lockheed 186 **helicopter**
use XH-51 helicopter
Lockheed CL-595 **helicopter**
use XH-51 helicopter
LOH **helicopter**
use OH-6 helicopter
Merlin **(helicopter)**
OH-4 **helicopter**
OH-5 **helicopter**
OH-6 **helicopter**
OH-13 **helicopter**
OH-23 **helicopter**
OH-58 **helicopter**
Omnipol HC-3 **helicopter**
use HC-3 helicopter
P-531 **helicopter**
QH-50 **helicopter**
Raven **helicopter**
use OH-23 helicopter
RH-2 **helicopter**
use UH-1 helicopter
S-58 **helicopter**
S-61 **helicopter**
S-64 **helicopter**
use CH-54 helicopter
S-67 **helicopter**
SA-321 **helicopter**
SA-330 **helicopter**
Scout **helicopter**
use P-531 helicopter
SE-3160 **helicopter**
Sea King **helicopter**
use SH-3 helicopter
Sea Knight **helicopter**
use CH-46 helicopter
Seahorse **helicopter**
use UH-34 helicopter
Seasprite **helicopter**
use UH-2 helicopter
SH-3 **helicopter**
SH-4 **helicopter**
Shawnee **helicopter**
use CH-21 helicopter
Sikorsky HSS-2 **helicopter**
use SH-3 helicopter

Sikorsky S-58 **helicopter**
use S-58 helicopter
Sikorsky S-61 **helicopter**
use S-61 helicopter
Sikorsky S-64 **helicopter**
use CH-54 helicopter
Sikorsky S-65 **helicopter**
use H-53 helicopter
Sikorsky S-67 **helicopter**
use S-67 helicopter
Sikorsky Whirlwind **helicopter**
Sioux **helicopter**
use OH-13 helicopter
Skycrane **helicopter**
use CH-54 helicopter
Sud Aviation SA-321 **helicopter**
use SA-321 helicopter
Sud Aviation SA-330 **helicopter**
use SA-330 helicopter
Sud Aviation SE-3160 **helicopter**
use SE-3160 helicopter
TH-55 **helicopter**
UH-1 **helicopter**
UH-2 **helicopter**
UH-12 **helicopter**
use OH-23 helicopter
UH-13 **helicopter**
use OH-13 helicopter
UH-34 **helicopter**
UH-60A **helicopter**
UH-61A **helicopter**
Voyageur **helicopter**
use CH-46 helicopter
Westland MK-10 **helicopter**
use Westland Whirlwind helicopter
Westland P-531 **helicopter**
use P-531 helicopter
Westland Whirlwind **helicopter**
Whirlwind MK-10 **helicopter**
use Westland Whirlwind helicopter
Workhorse **helicopter**
use CH-21 helicopter
XH-51 **helicopter**
YHU-1 **helicopter**
use UH-1 helicopter
YUH-1 **helicopter**
use UH-1 helicopter
YUH-60A **helicopter**
use UH-60A helicopter
YUH-61A **helicopter**
use UH-61A helicopter
helicopter attitude indicators
use attitude indicators
helicopter control
helicopter design
helicopter engines
helicopter impulsive noise
use blade slap noise
helicopter performance
helicopter propeller drive
helicopter rotors
use rotary wings
helicopter tail rotors
helicopter wakes
helicopters
aerogyro **helicopters**
use XH-51 helicopter
Alouette **helicopters**
compound **helicopters**
drone **helicopters**
use drone aircraft
helicopters
heavy lift **helicopters**
light **helicopters**
military **helicopters**
rigid rotor **helicopters**
tandem rotor **helicopters**
Vertol military **helicopters**
use Boeing aircraft
Heliliner (helicopter)
use EH-101 helicopter
Helio aircraft
Helio military aircraft
use Helio aircraft
heliocentric orbits
use solar orbits
heliographs
use spectroheliographs
heliography
use spectroheliographs
heliomagnetism
use solar magnetic field
heliometers
heliometry
use heliometers
pyroheliometers
Helios 1
Helios 2
Helios A
Helios B
Helios Project
Helios satellites
helioseismology
heliosphere
Solar and **Heliospheric** Observatory
use SOHO Mission
heliostats
heliotrons
heliports
helitrons
helium
liquid **helium**
helium 2
use helium isotopes
liquid helium
liquid **helium** 2
helium 3
use helium isotopes
helium 4
use helium isotopes
helium afterglow
helium atoms
helium compounds
helium film
helium hydrogen atmospheres
helium ions
helium isotopes
helium–neon lasers
helium–oxygen atmospheres
helium plasma
helium stars
use B stars
helix tubes
use traveling wave tubes
Hellmann–Feynman theorem
helmet mounted displays
helmets
Helmholtz equations

Gibbs- **Helmholtz** equations
Kirchhoff- **Helmholtz** flow
Kelvin- **Helmholtz** instability
Helmholtz resonators
Young- **Helmholtz** theory
Helmholtz vorticity equation
HELOS (satellite)
use Exosat satellite
hematite
hematocrit
hematocrit ratio
hematology
hematopoiesis
hematopoietic system
hematuria
Eastern **Hemisphere**
Northern **Hemisphere**
Southern **Hemisphere**
Western **hemisphere**
hemisphere cylinder bodies
hemispheres
hemispherical shells
hemocytes
hemodynamic responses
hemodynamics
hemoglobin
hemolysis
hemoperfusion
hemorrhages
hemostasis
use hemostatics
hemostatics
HEMT (electronics)
use high electron mobility transistors
Henry law
HEOS A satellite
HEOS B satellite
HEOS satellites
heparins
hepatitis
heptadiene
heptanes
herbicides
Herbig–Haro objects
Hercules aircraft
use C-130 aircraft
Hercules engine
Nike- **Hercules** missile
Hercules nova
heredity
Hering–Brever reflex
Hermes manned spaceplane
Hermes satellite
use Communications Technology Satellite
hermetic seals
Hermitian polynomial
HERO Reactor
Hertzsprung–Russell diagram
Herzberg bands
Herzegovina
use Bosnia and Herzegovina
Bosnia and **Herzegovina**
Hessian matrices
HET experiment
heterocyclic compounds
heterodyning
optical **heterodyning**
heterogeneity
heterojunction devices
heterojunctions
heterophoria
heterosphere
heterotrophs
heuristic methods
HEUS rocket engines
Hewlett–Packard computers
hexadiene
sulfur **hexafluoride**
hexagonal cells
hexagons
hexahedrite
hexamethonium
hexamethylenetetramine
hexanitrostilbene
hexenes
Hexogenes (trademark)
hexokinase
hexoses
hexyl compounds
HF lasers
HFB–320 aircraft
Hamburger **HFB–320** aircraft
HFIR
use high flux isotope reactors
HFIR (reactor)
use high flux isotope reactors
HH–43 helicopter
HH–43B helicopter
HH–65 helicopter
HHX helicopter
use H-53 helicopter
hibernation
HICAT project
use high resolution coverage antennas
HICAT (radar technique)
use high resolution coverage antennas
hierarchies
BBGKY **hierarchy**
Higgs bosons
high acceleration
high alt target and background measurement
high altitude
high altitude balloons
high altitude breathing
high altitude environments
high altitude flight
use flight
high altitude
high altitude nuclear detection
high altitude pressure
high altitude sounding projectile
use WASP sounding rocket
Spacecraft Charging at **High** Altitude
use SCATHA satellite
high altitude tests
high aspect ratio
high aspect ratio wings
use slender wings
high current
high definition television
high dispersion spectrographs

High Eccentric Lunar Occultation Satellite
use Exosat satellite
high electron mobility transistors
High Energy Astronomy Observatories
use HEAO
High Energy Astronomy Observatory 1
use HEAO 1
High Energy Astronomy Observatory 2
use HEAO 2
High Energy Astronomy Observatory 3
use HEAO 3
High Energy Astronomy Observatory 4
use HEAO 4
High Energy Astronomy Observatory A
use HEAO 1
High Energy Astronomy Observatory B
use HEAO 2
High Energy Astronomy Observatory C
use HEAO 3
High Energy Astronomy Observatory D
use HEAO 4
high energy electrons
high energy fuels
HEF **(high** energy fuels)
high energy interactions
high energy oxidizers
high energy propellants
high field magnets
high flux beam reactors
high flux isotope reactors
high frequencies
extremely **high** frequencies
very **high** frequencies
very **high** frequency radio equipment
high gain
high gravity (acceleration)
use high gravity environments
high gravity environments
high impulse
high intensity lasers
use high power lasers
high latitudes
use polar regions
high level languages
high melting compounds
use refractory materials
high pass filters
high polymers
high power lasers
high pressure
high pressure oxygen
high Q
use Q factors
high resistance
high resolution
high resolution coverage antennas
Advanced Very **High** Resolution Radiometer
high Reynolds number
high speed
high speed cameras
high speed flight
use flight
high speed
very **high** speed integrated circuits
use VHSIC (circuits)
high speed photography
high speed transportation
use rapid transit systems
high strength
high strength alloys
high strength steels
high temperature
high temperature air
high temperature alloys
use heat resistant alloys
high temperature environments
high temperature fatigue
use thermal fatigue
high temperature fluids
high temperature gas cooled reactors
high temperature gases
high temperature lubricants
high temperature materials
use refractory materials
high temperature nuclear reactors
high temperature plasmas
high temperature propellants
high temperature research
high temperature superconductors
high temperature tests
high thrust
high vacuum
High Vacuum Orbital Simulator
high voltages
higher order languages
use high level languages
highlands
Highly Eccentric Orbit satellites
use HEOS satellites
highly maneuverable aircraft
highways
hijacking
use air piracy
Hilbert space
Hilbert transformation
Hill curves
use Hill method
Hill determinant
Hill lunar theory
Hill method
Hiller aircraft
Fairchild- **Hiller** aircraft
Sand **Hills** Region (GA-NC-SC)
Sand **Hills** Region (NE)
Black **Hills** (SD-WY)
Hilsch tubes
Himalayas
Himalia
HIMAT
use highly maneuverable aircraft
hindrance
use constraints
hinge moments
use torque
hinged rotor blades
use hinges
rotary wings
hingeless rotors
use rigid rotors
hinges
flapping **hinges**

HIP (process)
use hot isostatic pressing
Hipparcos satellite
hippocampus
hippuric acid
His bundle
hiss
histamines
histidine
histochemical analysis
histograms
histology
histories
case **histories**
HITAB program
use high alt target and background measurement
HIV (virus)
use human immunodeficiency virus
HIVOS (simulator)
use High Vacuum Orbital Simulator
HL-10 reentry vehicle
HLD-35 reentry vehicle
HLLV
use heavy lift launch vehicles
HMD (displays)
use helmet mounted displays
HMX
HNPF (Hallam Nuclear Power Facility)
use Hallam Nuclear Power Facility
HNST
use hexanitrostilbene
HO-4 helicopter
HO-5 helicopter
HO-6 helicopter
Bose-Chaudhuri- **Hocquenghem** codes
hodographs
hodoscopes
hogbacks
use ridges
hohlraums
Hohmann trajectories
use elliptical orbits
transfer orbits
Hohmann transfer orbits
use elliptical orbits
transfer orbits
holders
flame **holders**
holding
hole burning
hole distribution
hole distribution (electronics)
hole distribution (mechanics)
electron- **hole** drops
hole geometry (mechanics)
hole mobility
holes
coronal **holes**
electron **holes**
use holes (electron deficiencies)
ozone **holes**
use ozone depletion
black **holes** (astronomy)
white **holes** (astronomy)
holes (electron deficiencies)
holes (mechanics)

Holland
use Netherlands
hollow
geomagnetic **hollow**
hollow cathodes
holmium
holmium isotopes
hologrammetry
holographic interferometry
holographic optical elements
holographic spectroscopy
holographic subtraction
holography
acoustical **holography**
microwave **holography**
self subtraction **holography**
use holographic subtraction
sound **holography**
use acoustical holography
speckle **holography**
white light **holography**
holomorphism
use analytic functions
Max **Holste** MH-262 aircraft
use MH-262 aircraft
homeostasis
homeotherms
homing
homing devices
radar **homing** missiles
homodyne reception
homogeneity
homogeneous turbulence
homogenization
use homogenizing
homogenizing
homojunctions
homology
homomorphisms
homopolar generators
homosphere
homotopy theory
homotropy
Honduras
British **Honduras**
use Belize
Honest John rocket vehicle
honeycomb cores
honeycomb mirrors
honeycomb structures
ceramic **honeycombs**
Honeywell 600/6000 computer
Honeywell ADEPT computer
Honeywell computers
Honeywell DDP 116 computer
Hong Kong
honing
Hookes law
hooks
hoop column antennas
hoops
Hopcalite (trademark)
HOPE aerospace plane
Wiener **Hopf** equations
hoppers
frequency **hopping**
horizon
event **horizon**
over-the- **horizon** radar

horizon scanners
infrared **horizon** scanners
use horizon scanners
infrared scanners
horizon sensing
use horizon scanners
gyro **horizons**
radio **horizons**
level **(horizontal)**
horizontal branch stars
horizontal distribution
horizontal flight
horizontal orientation
horizontal spacecraft landing
horizontal stabilizers
use stabilizers (fluid dynamics)
horizontal tail surfaces
horizontally polarized shear waves
use SH waves
hormone metabolisms
hormones
pituitary **hormones**
horn antennas
horns
horsepower
horses
horseshoe vortices
hoses
hospitals
hot air
use high temperature air
hot atoms
hot cathodes
hot corrosion
hot cycle propulsion system
use tip driven rotors
hot electrons
hot extruding
use extruding
hot-film anemometers
hot forming
use hot working
hot gas systems
use high temperature gases
hot gases
use high temperature gases
hot isostatic pressing
hot jet exhaust
use high temperature gases
jet exhaust
hot jets
use jet flow
hot machining
hot plasmas
use high temperature plasmas
hot pressing
hot stars
hot surfaces
hot water rocket engines
hot weather
hot-wire anemometers
hot-wire flowmeters
hot-wire turbulence meters
hot working
HOTOL launch vehicle
hotshot wind tunnels
Hound Dog missile
twenty-four **hour** orbits
Householder transformations
housekeeping (spacecraft)
solar **houses**
housings
Houston (TX)
hovercraft
use ground effect machines
Westland SR-N2 **hovercraft**
use Westland ground effect machines
Westland SR-N3 **hovercraft**
use Westland ground effect machines
hovercraft ground effect machines
hovering
hovering rocket vehicles
hovering stability
howitzers
HP-115 aircraft
Handley Page **HP-115** aircraft
HPRR
use Health Physics Research Reactor
HR diagram
use Hertzsprung-Russell diagram
HRB-1 helicopter
HS-125 aircraft
HS-748 aircraft
AVRO Whitworth **HS-748** aircraft
HS-801 aircraft
HSS-2 helicopter
Sikorsky **HSS-2** helicopter
HTGR
use high temperature gas cooled reactors
HTML
use document markup languages
HTPB propellants
HTSC (superconductors)
use high temperature superconductors
HU-1 helicopter
HU2K-1 helicopter
Hubble constant
Hubble diagram
Hubble Space Telescope
hubs
rotor **hubs**
use hubs
rotors
Debye- **Huckel** theory
Hudson Bay (Canada)
Hudson River (NY-NJ)
Hueckel theory
Hughes aircraft
Hugoniot adiabat
use Hugoniot equation of state
Hugoniot equation of state
Rankine- **Hugoniot** relation
HUL
use hardware utilization lists
Small Water Plane Area Twin **Hull**
use SWATH (ship)
ship **hulls**
hulls (structures)
hum
human behavior
human beings
human body
human centrifuges

human–computer interface
human engineering
use human factors engineering
human factors engineering
human factors laboratories
human immunodeficiency virus
human pathology
human performance
human reactions
human relations
human resources
human tolerances
human wastes
Humason comet
humerus
humidity
humidity measurement
Hummingbird aircraft
use XV-4 aircraft
railroad **humping** tests
Hungarian space program
Hungary
Hawker **Hunter** aircraft
use F-2 aircraft
Hunter F-2 aircraft
use F-2 aircraft
Hunting H-126 aircraft
use H-126 aircraft
Hunting P-84 aircraft
use jet provost aircraft
Lake **Huron**
Anna **hurricane**
hurricanes
HUS-1 helicopter
Huskie helicopter
use HH-43 helicopter
Hustler aircraft
use B-58 aircraft
Huygens principle
Kirchhoff- **Huygens** principle
Huygens probe
Hvittis chondrite
hybrid circuits
hybrid combustion
use hybrid propellant rocket engines
hybrid composites
hybrid computers
hybrid navigation systems
hybrid propellant rocket engines
hybrid propellants
hybrid propulsion
fusion-fission **hybrid** reactors
hybrid rocket engines
hybrid structures
electric **hybrid** vehicles
hybrids (biology)
use genetic engineering
Nike- **Hydac** rocket vehicle
diphenyl **hydantoin**
hydrates
hydration
hydraulic actuators
use actuators
hydraulic equipment
hydraulic analogies
hydraulic control
hydraulic equipment
hydraulic fluids
hydraulic heating sources
use heat sources
hydraulic equipment
hydraulic jets
hydraulic pumps
use hydraulic equipment
pumps
hydraulic shock
hydraulic systems
use hydraulic equipment
aircraft **hydraulic** systems
hydraulic test tunnels
hydraulic valves
use hydraulic equipment
valves
hydraulics
hydrazides
hydrazine borane
hydrazine engines
hydrazine nitrate
hydrazine nitroform
hydrazine perchlorates
hydrazines
hydrazinium compounds
hydrazoic acid
hydrazones
hydrazonium compounds
hydrides
aluminum **hydrides**
beryllium **hydrides**
boron **hydrides**
cesium **hydrides**
lithium **hydrides**
lithium aluminum **hydrides**
metal **hydrides**
nitrogen **hydrides**
potassium **hydrides**
sodium **hydrides**
zirconium **hydrides**
hydroacoustics
use underwater acoustics
hydroaeromechanics
use aerodynamics
hydroballistics
hydrobarophones
use hydrophones
hydroboration
hydrobromic acid
hydrobromides
hydrocarbon combustion
hydrocarbon fuel production
hydrocarbon fuels
hydrocarbon poisoning
liquid oxygen **hydrocarbon** rocket engines
use oxygen-hydrocarbon rocket engines
LOX- **hydrocarbon** rocket engines
oxygen- **hydrocarbon** rocket engines
hydrocarbons
aliphatic **hydrocarbons**
cyclic **hydrocarbons**
polycyclic aromatic **hydrocarbons**
saturated **hydrocarbons**
use alkanes
hydrochloric acid
hydrochlorides
hydroclimatology
hydrocracking
hydrocyanic acid

hydrodynamic coefficients
hydrodynamic equations
hydrodynamic ram effect
hydrodynamic stability
use flow stability
hydrodynamic tunnels
use plasma jet wind tunnels
hydrodynamics
ram effect **(hydrodynamics)**
hydroelasticity
hydroelectric power stations
hydroelectricity
hydrofluoric acid
hydrofoil boats
use hydrofoil craft
hydrofoil craft
hydrofoil oscillations
hydrofoils
hydroforming
hydrogen
liquid **hydrogen**
metallic **hydrogen**
ortho **hydrogen**
para **hydrogen**
slush **hydrogen**
hydrogen 2
use deuterium
hydrogen 3
use tritium
hydrogen 4
hydrogen air fuel cells
use hydrogen oxygen fuel cells
helium **hydrogen** atmospheres
hydrogen atoms
hydrogen azides
hydrogen–based energy
nickel **hydrogen** batteries
silver **hydrogen** batteries
hydrogen bombs
use fusion weapons
hydrogen bonds
hydrogen chloride lasers
use HCL lasers
hydrogen chlorides
hydrogen clouds
hydrogen compounds
hydrogen cyanide lasers
use HCN lasers
hydrogen cyanides
use hydrocyanic acid
hydrogen deuterium oxide
use heavy water
hydrogen embrittlement
hydrogen engines
LOX- **hydrogen** engines
hydrogen fluoride lasers
use HF lasers
hydrogen fluorides
use hydrofluoric acid
hydrogen fuels
hydrogen ions
hydrogen isotopes
hydrogen masers
hydrogen metabolism
hydrogen oxygen engines
hydrogen oxygen fuel cells
hydrogen perchlorate
hydrogen peroxide
diethyl **hydrogen** phosphite (DEHP)

hydrogen plasma
hydrogen production
hydrogen recombinations
hydrogen sulfide
hydrogenation
hydrogenolysis
hydrogenomonas
hydrogeology
hydrography
hydrokinetics
use hydromechanics
hydrological cycle
IHD **(hydrological** decade)
International **Hydrological** Decade
hydrology
water cycle **(hydrology)**
hydrology models
hydrolysis
hydromagnetic flow
use magnetohydrodynamic flow
hydromagnetic stability
use magnetohydrodynamic stability
hydromagnetic waves
use magnetohydrodynamic waves
hydromagnetics
use magnetohydrodynamics
geometrical **hydromagnetics**
use magnetohydrodynamics
hydromagnetism
use magnetohydrodynamics
hydromechanics
hydrometallurgy
hydrometeorology
hydrometeors
hydrometers
hydronium ions
hydrophones
hydroplanes (surfaces)
hydroplanes (vehicles)
hydroplaning
hydroponics
hydropower stations
use hydroelectric power stations
hydropyrolysis
hydroscience
use hydrology
hydroskis
use hydroplanes (surfaces)
Earth **hydrosphere**
hydrosphere (Earth)
use Earth hydrosphere
hydrospinning
hydrostatic pressure
hydrostatics
hydrosulfites
hydrothermal crystal growth
hydrothermal stress analysis
hydrothermal systems
hydrox engines
use hydrogen oxygen engines
hydroxides
lithium **hydroxides**
potassium **hydroxides**
sodium **hydroxides**
hydroxycorticosteroid
hydroxyl compounds
hydroxyl emission
hydroxyl radicals
hydroxylamine sulfate

hydroxylammonium perchlorates
hygiene
oral **hygiene**
hygral properties
hygrometers
hygroscopicity
Hyla-Star rocket vehicle
Hylleraas coordinates
hyoscine
hyperbaric chambers
hyperbolas
hyperbolic coordinates
hyperbolic differential equations
hyperbolic functions
hyperbolic navigation
hyperbolic reentry
hyperbolic space
  use hyperbolic coordinates
hyperbolic systems
hyperbolic trajectories
hypercapnia
hypercube multiprocessors
hyperfine structure
hypergeometric functions
hypergeometry
  use hyperspaces
hyperglycemia
hypergolic rocket propellants
Hyperion
hyperkinesia
hypermedia
  use multimedia
hypernea
hypernuclei
hyperons
xi **hyperons**
hyperopia
hyperoxia
hyperplanes
hyperpnea
hypersomnia
hypersonic aircraft
hypersonic boundary layer
hypersonic combustion
hypersonic flight
hypersonic flow
hypersonic forces
hypersonic gliders
hypersonic heat transfer
hypersonic inlets
hypersonic nozzles
hypersonic reentry
hypersonic shock
hypersonic speed
hypersonic test apparatus
hypersonic vehicles
hypersonic wakes
hypersonic wind tunnels
hypersonics
hyperspaces
hyperspheres
hypertensin
hypertension
hypertext
hyperthermia
hypertonia
  use osmosis
hypertrophy
  use growth
hypervelocity
hypervelocity accelerators
  use hypervelocity guns
hypervelocity cratering
  use hypervelocity projectiles
    projectile cratering
hypervelocity flow
hypervelocity guns
hypervelocity impact
hypervelocity launchers
hypervelocity projectiles
hypervelocity wind tunnels
hyperventilation
hypervolemia
hypnosis
hypobaric atmospheres
hypocapnia
hypodermis
hypodynamia
hypoelasticity
hypoglycemia
hypokinesia
hypometabolism
hypophysis
  use pituitary gland
hypotension
hypothalamus
hypothermia
hypotheses
expectancy **hypothesis**
Gaia **hypothesis**
intermittency **hypothesis**
Lagrange similarity **hypothesis**
null **hypothesis**
vorticity transport **hypothesis**
hypotonia
hypoventilation
hypovolemia
hypoxemia
hypoxia
hypsography
hypsometers
hysteresis
HYTIME
  use document markup languages

I

IMP- **I**
Space Shuttle mission 51- **I**
AD/ **I** B
I beams
p- **I**-n diodes
p- **I**-n junctions
H **I** regions
AD/ **I** satellite
I2S cameras
Cedar Rapids **(IA)**
Iapetus
IBM 360 computer
IBM 370 computer
IBM 650 computer
IBM 704 computer
IBM 709 computer
IBM 1130 computer

IBM 1401 computer
IBM 1410 computer
IBM 1620 computer
IBM 2250 computer
IBM 7030 computer
IBM 7040 computer
IBM 7044 computer
IBM 7070 computer
IBM 7074 computer
IBM 7090 computer
IBM 7094 computer
IBM computers
IBM PC
use IBM personal computers
IBM personal computers
Icarus asteroid
Atlas **ICBM**
Atlas D **ICBM**
Atlas E **ICBM**
Atlas F **ICBM**
Minuteman **ICBM**
Titan **ICBM**
Titan 1 **ICBM**
Titan 2 **ICBM**
ICBM (missiles)
use intercontinental ballistic missiles
Ice
aufeis **(ice)**
bay **ice**
lake **ice**
land **ice**
pressure **ice**
sea **ice**
Ice clouds
Ice environments
Ice floes
Ice formation
air sea **ice** interactions
Ice mapping
Ice nuclei
Ice observation
use ice reporting
Ice packs
use sea ice
Ice prevention
Ice reporting
Ross **Ice** shelf
Ice shelves
use land ice
Icebergs
Iceland
Icelandic space program
Ichthyology
Icing
use ice formation
aircraft **icing**
wing **icing**
use aircraft icing
ICL computers
Icosahedrons
Icy satellites
Yellowstone National Park **(ID** -MT-WY)
Columbia River Basin **(ID** -OR-WA)
Ida asteroid
Idaho
Ideal fluids
Ideal gas
crop **identification**
IFF systems **(identification)**
parameter **identification**
rapid ballistics **identification**
system **identification**
timber **identification**
Feature **Identification** and Location Exper
Identify friend or foe
use IFF systems (identification)
Identifying
Identities
IDEP (data exchange)
use interservice data exchange program
Idlers
IFF systems (identification)
IFR (rules)
use instrument flight rules
IGFET
use field effect transistors
Igneous rocks
Ignimbrite
use igneous rocks
Igniters
firing **(igniting)**
Ignition
electric **ignition**
self **ignition**
use spontaneous combustion
solid propellant **ignition**
spark **ignition**
Ignition limits
Ignition systems
Ignition temperature
Ignitrons
IGOSS
use integrated global ocean station systems
IGY (geophysical year)
use International Geophysical Year
IHD (hydrological decade)
use International Hydrological Decade
Modcomp **II** computer
H- **II** orbiting plane
H **II** regions
IL-14 aircraft
Ilyushin **IL-14** aircraft
IL-62 aircraft
Ilyushin **IL-62** aircraft
IL-76 aircraft
IL-86 aircraft
IL-96 aircraft
Wabash River Basin **(IL** -IN-OH)
Ill-conditioned problems (mathematics)
Ill-posed problems (mathematics)
Illiac 3 computer
Illiac 4 computer
Illiac computers
Illinois
Illite
Illuminance
Illuminating
Illumination
Illuminators
elevator **illusion**
moon **illusion**
optical **illusion**
Illusions
oculogravic **illusions**
Ilmenite

ILS (landing systems)
use instrument landing systems
Ilyushin aircraft
Ilyushin IL-14 aircraft
use IL-14 aircraft
Ilyushin IL-62 aircraft
use IL-62 aircraft
Image analysis
optical flow **(Image** analysis)
Image classification
Image contrast
Image converters
SIMICOR **(Image** correlator)
simultaneous **Image** correlator
use image correlators
Image correlators
particle **Image** displacement velocimetry
use particle image velocimetry
Image dissector tubes
Image enhancement
Image filters
Image furnaces
Image intensifiers
Image motion compensation
Image orthicons
Image processing
Image reconstruction
Image resolution
Image rotation
Image transducers
Image tubes
particle **Image** velocimetry
Image velocity sensors
Imagery
aerial **Imagery**
use aerial photography
boundary detection **(Imagery)**
geometric rectification **(Imagery)**
infrared **Imagery**
microwave **Imagery**
radar **Imagery**
satellite **Imagery**
ultraviolet **Imagery**
x ray **Imagery**
Images
optical **Images**
use images
retinal **Images**
acoustic **Imaging**
Imaging radar
Earth resources shuttle **Imaging** radar
use Shuttle Imaging Radar
Shuttle **Imaging** Radar
Venus orbiting **Imaging** radar (spacecraft)
Low Intensity X Ray **Imaging** Scopes
use lixiscopes
Imaging spectrometers
Imaging techniques
Imbeddings
invariant **Imbeddings**
Imbeddings (mathematics)
IMBLMS
pre- **Imbrian** period
IMCC (control center)
use integrated mission control center
IME satellite
use International Magnetospheric Explorer
Imides

Imines
IMLSS
Immersion
use submerging
water **Immersion**
Immiscibility
use solubility
Immittance
use electrical impedance
Immobilization
Immune systems
Immunity
interference **Immunity**
Immunoassay
acquired **Immunodeficiency** syndrome
human **Immunodeficiency** virus
Immunology
IMP
IMP-1
IMP-2
IMP-3
IMP-4
IMP-5
IMP-6
IMP-7
IMP-8
IMP-A
IMP-B
IMP-C
IMP-D
IMP-E
IMP-F
IMP-G
IMP-H
IMP-I
IMP-J
Impact
economic **Impact**
electron **Impact**
hypervelocity **Impact**
ion **Impact**
point **Impact**
proton **Impact**
Impact acceleration
Impact damage
rain **Impact** damage
Impact deceleration
use impact acceleration
Impact fusion
Impact loads
Impact melts
Impact prediction
ARIP **(Impact** prediction)
IP **(Impact** prediction)
automatic rocket **Impact** predictors
use computerized simulation impact prediction
Impact pressures
use impact loads
Impact resistance
Impact sensitivity
use impact resistance
Impact strength
Charpy **Impact** test
Impact testing machines
Impact tests
Impact tolerances
Impact velocity
Impactors

impairment
IMPATT diodes
use avalanche diodes
impedance
acoustic **impedance**
electrical **impedance**
mechanical **impedance**
respiratory **impedance**
impedance matching
impedance measurement
impedance probes
radio frequency **impedance** probes
ballasts **(impedances)**
impeller blades
use rotor blades (turbomachinery)
impellers
pump **impellers**
imperfections
use defects
lattice **imperfections**
use crystal defects
Imperial Valley (CA)
impingement
jet **impingement**
implantation
heart **implantation**
ion **implantation**
implanted electrodes (biology)
implication
alternating direction **implicit** methods
implosions
impregnating
improperly-posed problems (mathematics)
Improved TIROS Operational Satellites
use ITOS satellites
improvement
high **impulse**
specific **impulse**
impulse generators
finite **impulse** response filters
use FIR filters
impulses
electric **impulses**
use electric pulses
helicopter **impulsive** noise
use blade slap noise
impurities
atmospheric **impurities**
use air pollution
IMS
use International Magnetospheric Study
inactivation
use deactivation
incandescence
incendiary ammunition
incentive techniques
incentives
contract **incentives**
cost **incentives**
incidence
grazing **incidence**
wave **incidence** control
Grazing **Incidence** Solar Telescope
use GRIST (telescope)
grazing **incidence** telescopes
incident radiation

incineration
use incinerators
incinerators
inclination
attitude **(inclination)**
pitch **(inclination)**
inclusions
incoherence
incoherent scatter radar
European **Incoherent** Scatter Radar
use EISCAT radar system (Europe)
incoherent scattering
income
incompatibility
incompressibility
incompressible boundary layer
incompressible flow
incompressible fluids
Inconel (trademark)
increasing
indene
indentation
machine-**independent** programs
Commonwealth of **Independent** States
independent variables
absorptive **index**
use absorptivity
environmental **index**
KP **index**
leaf area **index**
Palmar sweat **index**
refractive **index**
use refractivity
vegetative **index**
gradient **index** devices
use gradient index optics
graded **index** optics
use gradient index optics
gradient **index** optics
indexes
KWIC **indexes**
morphological **indexes**
psychological **indexes**
use psychological tests
indexes (documentation)
indexes (ratios)
India
Indian Ocean
Indian space program
Indian Space Research Organization
use ISRO
Indian spacecraft
IRS **(Indian** spacecraft)
SEO **(Indian** spacecraft)
Indiana
American **Indians**
indicating instruments
indication
indicators
approach **indicators**
attitude **indicators**
chemical **indicators**
cloud height **indicators**
flow direction **indicators**
helicopter attitude **indicators**
use attitude indicators
moving target **indicators**
plan position **indicators**

position **indicators**
PPI (position **indicators)**
range **indicators**
use range finders
rate of climb **indicators**
spacecraft position **indicators**
speed **indicators**
temperature **indicators**
use indicating instruments
temperature measuring instruments
voltage variation **indicators**
use voltmeters
weight **indicators**
West **Indies**
indium
indium alloys
indium aluminum arsenides
indium antimonides
indium arsenides
indium compounds
indium gallium arsenides
indium isotopes
indium oxides
indium phosphates
indium phosphides
indium selenides
copper **indium** selenides
indium sulfides
indium tellurides
indium–tin-oxide semiconductors
indoles
Indonesia
Indonesian space program
indoor air pollution
induced drag
induced fluid flow
use fluid flow
laser **induced** fluorescence
pilot **induced** oscillation
self **induced** vibration
helical **inducers**
inductance
induction
magnetic **induction**
induction heating
induction (mathematics)
induction motors
magnetic **induction** probes
use magnetic probes
induction systems
use intake systems
inductors
industrial areas
industrial energy
industrial management
industrial plants
industrial safety
industrial wastes
space **industrialization**
industries
plants **(industries)**
aerospace **industry**
aircraft **industry**
construction **industry**
defense **industry**
logging **(industry)**
process control **(industry)**
weapons **industry**
government/ **industry** relations
inelastic bodies
use rigid structures
inelastic collisions
inelastic scattering
inelastic stress
inequalities
Schwartz **inequality**
inert atmosphere
tungsten **inert** gas welding
use gas tungsten arc welding
inert gases
use rare gases
inertia
moments of **inertia**
inertia bonding
inertia moments
use moments of inertia
inertia principle
Mach **inertia** principle
inertia wheels
use counter-rotating wheels
reaction wheels
inertial confinement fusion
inertial coordinates
inertial forces
use inertia
inertial fusion (reactor)
inertial guidance
strapdown **inertial** guidance
inertial measuring units
use inertial platforms
inertial navigation
gimballess **inertial** navigation
inertial platforms
inertial reference systems
Inertial Upper Stage
inertialess steerable antennas
infarction
myocardial **infarction**
airborne **infection**
infections
use infectious diseases
infectious diseases
Born- **Infeld** theory
inference
infestation
infiltration
chemical vapor **infiltration**
infinite span wings
infinity
H- **infinity** control
inflatable devices
use inflatable structures
inflatable gliders
inflatable space structures
inflatable spacecraft
inflatable structures
inflating
inflection points
crew procedures **(inflight)**
influence coefficient
structural **influence** coefficients
influenza
Atmospheric & Oceanographic **Inform** Sys
information
selective dissemination of **information**
information adaptive system
information dissemination

information flow
information management
information processing (biology)
information resources management
information retrieval
computer **information** security
Earth Resources **Information** System
EOS data and **information** system
information systems
cockpit weather **information** systems
geographic **information** systems
management **information** systems
information theory
Shannon **information** theory
use information theory
information transfer
information transmission
use data transmission
infrared absorption
infrared astronomy
Infrared Astronomy Satellite
infrared cirrus (astronomy)
infrared detectors
forward looking **infrared** detectors
use FLIR detectors
infrared filters
infrared horizon scanners
use horizon scanners
infrared scanners
infrared imagery
infrared inspection
infrared instruments
infrared interferometers
German **Infrared** Laboratory
infrared lasers
infrared masers
use infrared lasers
infrared photography
color **infrared** photography
infrared photometry
infrared radar
infrared radiation
far **infrared** radiation
near **infrared** radiation
infrared radiometers
infrared reflection
infrared scanners
infrared signatures
infrared sources (astronomy)
Infrared Space Observatory (ISO)
infrared spectra
infrared spectrometers
filter wheel **infrared** spectrometers
infrared spectrophotometers
infrared spectroscopy
visible **infrared** spin scan radiometer
infrared stars
infrared suppression
Space **Infrared** Telescope Facility
Large **Infrared** Telescope on Spacelab
use LIRTS (telescope)
infrared telescopes
infrared tracking
infrared windows
infrasonic frequencies
resin film **infusion**
ingestion
spray **ingestion**
ingestion (biology)
ingestion (engines)
ingots
ingredients
ingress (spacecraft passageway)
inhabitants
mountain **inhabitants**
inhalation
use respiration
inhibition
poisoning (reaction **inhibition)**
inhibition (psychology)
inhibitors
wear **inhibitors**
inhomogeneity
inhour equation
initial value problems
use boundary value problems
initialisms
use abbreviations
self **initiated** antiaircraft missiles
use SIAM missiles
initiation
crack **initiation**
Small Satellite Technology **Initiative**
use small satellite technology
initiators
initiators (explosives)
injection
beam **injection**
carrier **injection**
fluid **injection**
fuel **injection**
gas **injection**
ion **injection**
liquid **injection**
secondary **injection**
transearth **injection**
translunar **injection**
water **injection**
injection carburetors
use carburetors
fuel injection
charge **injection** devices
injection guidance
injection lasers
injection locking
injection molding
barrier **injection** transit time diodes
use Barritt diodes
deep well **injection** (wastes)
injectors
vortex **injectors**
Injun 1 satellite
Injun 3 satellite
Injun 4 satellite
Injun 5 satellite
use Explorer 40 satellite
Injun Explorer
use Explorer 25 satellite
Air Density/ **Injun** Explorer B
Injun satellites
injuries
back **injuries**
burns **(injuries)**
crash **injuries**
ejection **injuries**
noise **injuries**
radiation **injuries**
whiplash **injuries**

parachuting **injury**
inks
inland waters
inlet airframe configurations
Cook **inlet** (AK)
inlet flow
inlet nozzles
inlet pressure
inlet temperature
air **inlets**
use air intakes
conical **inlets**
engine **inlets**
hypersonic **inlets**
internal compression **inlets**
nose **inlets**
side **inlets**
supersonic **inlets**
supersonic flow **inlets**
use supersonic inlets
transonic **inlets**
use supersonic inlets
inlets (devices)
use intake systems
inlets (topography)
inliers (landforms)
INMARSAT satellites
inner radiation belt
inoculation
seeding **(inoculation)**
inoculum
azides **(inorganic)**
inorganic chemistry
inorganic coatings
inorganic compounds
inorganic materials
inorganic nitrates
inorganic peroxides
inorganic sulfides
inositols
input
multiple **input** multiple output
use MIMO (control systems)
input/output routines
single **input** single output systems
use SISO (control systems)
INSAT satellites
use Indian spacecraft
insect damage
use infestation
insecticides
insects
insensitivity
use sensitivity
insertion
orbit **insertion**
insertion loss
inserts
nozzle **inserts**
inshore zones
use beaches
insolation
insomnia
inspection
infrared **inspection**
x ray **inspection**
inspector satellite
inspiration

instability
use stability
acoustic **instability**
baroclinic **instability**
combustion **instability**
use combustion stability
Goertler **instability**
gravitational **instability**
Kelvin-Helmholtz **instability**
magnetospheric **instability**
plasma **instability**
use magnetohydrodynamic stability
Taylor **instability**
Taylor-Goertler **instability**
use Goertler instability
thermal **instability**
Weibel **instability**
whirl **instability**
use rotary stability
installation
use installing
installation manuals
installing
instantons
institutions
computer assisted **instruction**
programmed **instruction**
multiple **instruction** multiple data stream
use MIMD (computers)
single **instruction** multiple datastream
use SIMD (computers)
reduced **instruction** set computing
use RISC processors
instruction sets (computers)
instructions
use education
instructors
instrument approach
instrument compensation
instrument drift
use drift (instrumentation)
instrument errors
instrument flight rules
instrument landing systems
scientific **instrument** modules
use SIM
instrument orientation
instrument packages
instrument receivers
instrument transformers
instrument transmitters
instrumental analysis
use analyzing
automation
instrumentation
use instruments
drift **(instrumentation)**
ion traps **(instrumentation)**
Advanced Range **Instrumentation** Aircraft
Deep Space **Instrumentation** Facility
DSIF **(instrumentation** facility)
Army-Navy **instrumentation** program
Advanced Range **Instrumentation** Ship
ARIS **instrumentation** ship
use Advanced Range Instrumentation Ship
instruments
aircraft **instruments**
balloon-borne **instruments**

engine monitoring **Instruments**
flight **Instruments**
flight test **Instruments**
indicating **Instruments**
infrared **Instruments**
landing **Instruments**
measuring **Instruments**
meteorological **Instruments**
navigation **Instruments**
optical measuring **Instruments**
plotting **Instruments**
use plotters
potentiometers **(Instruments)**
propellant actuated **Instruments**
radiation measuring **Instruments**
recording **Instruments**
rocket-borne **Instruments**
satellite **Instruments**
satellite-borne **Instruments**
shock measuring **Instruments**
solar **Instruments**
spacecraft **Instruments**
surgical **Instruments**
temperature **Instruments**
use temperature measuring instruments
temperature measuring **Instruments**
time measuring **Instruments**
turbine **Instruments**
Insulated structures
Insulating materials
use insulation
Insulation
electrical **Insulation**
multilayer **Insulation**
thermal **Insulation**
metal- **Insulator**-metal diodes
metal- **Insulator**-metal semiconductors
metal **Insulator** semiconductors
use MIS (semiconductors)
semiconductor **Insulator** semiconductors
use SIS (semiconductors)
silicon-on- **Insulator** semiconductors
superconductor **Insulator** superconductors
use SIS (superconductors)
Insulators
Insulin
Insurance (contracts)
food **Intake**
Intake systems
air **Intakes**
water **Intakes**
Intasat satellite
Diode-Transistor-Logic **Integ** circuits
use DTL integrated circuits
transistor-transistor-logic **Integ** circuits
use TTL integrated circuits
Integ Med and Behavioral Lab Measur System
use IMBLMS
Integ Program for Aerospace Veh Design
use IPAD
Integers
J **Integral**
Jacobi **Integral**
phase-space **Integral**
Riemann **Integral**
use measure and integration
Stieltjes **Integral**
Integral calculus
Integral equations
singular **Integral** equations
Cauchy **Integral** formula
Integral functions
use entire functions
boundary **Integral** method
Integral rocket ramjets
Integral transformations
Integrals
convolution **Integrals**
elliptic **Integrals**
use elliptic functions
Fresnel **Integrals**
Fresnel-Kirchhoff **Integrals**
use Fresnel integrals
transform **Integrals**
use integral transformations
Integrated circuits
application specific **Integrated** circuits
custom **Integrated** circuits
use application specific integrated circuits
DTL **Integrated** circuits
linear **Integrated** circuits
TTL **Integrated** circuits
very high speed **Integrated** circuits
use VHSIC (circuits)
Submarine **Integrated** Control project
Integrated energy systems
Integrated global ocean station systems
Integrated library systems
Integrated Maneuvering Life Support Sys
use IMLSS
Integrated mission control center
Integrated optics
Airborne **Integrated** Reconnaissance System
Modular **Integrated** Utility System
binary **Integration**
data **Integration**
engine airframe **Integration**
functional **Integration**
large scale **Integration**
measure and **Integration**
medium scale **Integration**
numerical **Integration**
payload **Integration**
systems **Integration**
very large scale **Integration**
Shuttle Avionics **Integration** Laboratory
use SAIL project
payload **Integration** plan
Integration (real variables)
use measure and integration
Integrators
digital **Integrators**
Integrity
computer program **Integrity**
Integrodifferential equations
use differential equations
integral equations
Intel 8080 microprocessor
Intellect
Intellectual property

intelligence
artificial **intelligence**
extraterrestrial **intelligence**
knowledge bases (artificial **intelligence)**
Search for Extraterrestrial **Intelligence**
use Project SETI
intelligence tests
intelligent structures
use smart structures
intelligibility
Intelsat satellites
intensification
use amplification
intensifier tubes
use image intensifiers
intensifiers
image **intensifiers**
intensity
electron **intensity**
use electron flux density
light **intensity**
use luminous intensity
luminescent **intensity**
use luminous intensity
luminous **intensity**
magnetic field **intensity**
use magnetic flux
noise **intensity**
particle **intensity**
radiant **intensity**
use radiant flux density
radiation **intensity**
use radiant flux density
sound **intensity**
stress **intensity** factors
high **intensity** lasers
use high power lasers
field **intensity** meters
Low **Intensity** X Ray Imaging Scopes
use lixiscopes
interacting galaxies
blade-vortex **interaction**
configuration **interaction**
flame **interaction**
use chemical reactions
flame propagation
galaxy **interaction**
use interacting galaxies
photon-electron **interaction**
plasma-electromagnetic **interaction**
shock wave **interaction**
vortex-blade **interaction**
use blade-vortex interaction
wave **interaction**
plasma **interaction** experiment
space plasma H/V **interaction** experiments
use SPHINX
interactional aerodynamics
interactions
air land **interactions**
air sea **interactions**
use air water interactions
air sea ice **interactions**
air water **interactions**
atomic **interactions**
beam **interactions**
beta **interactions**
use weak interactions (field theory)
electromagnetic **interactions**
electron **interactions**
use electron scattering
electron phonon **interactions**
elementary particle **interactions**
fluid-solid **interactions**
gas-gas **interactions**
gas-ion **interactions**
gas-liquid **interactions**
gas-metal **interactions**
gas-solid **interactions**
high energy **interactions**
ion atom **interactions**
ion-gas **interactions**
use gas-ion interactions
laser plasma **interactions**
laser target **interactions**
man environment **interactions**
meson-meson **interactions**
meson-nucleon **interactions**
molecular **interactions**
nuclear **interactions**
nucleon-nucleon **interactions**
particle **interactions**
plasma **interactions**
plasma-particle **interactions**
rotor body **interactions**
rotor stator **interactions**
solar planetary **interactions**
solar terrestrial **interactions**
sound-sound **interactions**
spin-orbit **interactions**
surface **interactions**
use surface reactions
surface noise **interactions**
wave-particle **interactions**
weak energy **interactions**
electroweak **interactions** (field theory)
strong **interactions** (field theory)
weak **interactions** (field theory)
interactive control
interactive graphics
use computer graphics
interactive multimedia
use multimedia
NASA **Interactive** Planning System
distributed **interactive** simulation
interatomic forces
intercalation
interception
interceptor aircraft
use fighter aircraft
interceptors
satellite **interceptors**
interconnection
use joining
intercontinental ballistic missiles
Intercosmos satellites
intercranial circulation
interdigital transducers
graphical user **interface**
human-computer **interface**
man-computer **interface**
use human-computer interface
user-computer **interface**
use human-computer interface
interface stability
interfaces
fiber-matrix **interfaces**
gas-solid **interfaces**

liquid-liquid **interfaces**
liquid-solid **interfaces**
liquid-vapor **interfaces**
solid-solid **interfaces**
interfacial energy
interfacial strain
use interfacial tension
interfacial tension
interference
aerodynamic **interference**
electromagnetic **interference**
intersymbolic **interference**
radio **interference**
use radio frequency interference
radio frequency **interference**
support **interference**
interference drag
interference factor table
interference fit
interference grating
interference immunity
interference lift
interference monochromatization
use diffraction monochromatization
interferograms
use interferometry
interferometers
Fabry-Perot **interferometers**
infrared **interferometers**
Mach-Zehnder **interferometers**
Michelson **interferometers**
microwave **interferometers**
phase switching **interferometers**
radio **interferometers**
superconducting quantum **interferometers**
use squid (detectors)
interferometry
astronomical **interferometry**
differential **interferometry**
holographic **interferometry**
laser **interferometry**
Moire **interferometry**
speckle **interferometry**
very long base **interferometry**
Orion (radio **interferometry** network)
interferon
intergalactic media
intergranular corrosion
interim stages (spacecraft)
interim upper stage (STS)
use Inertial Upper Stage
solar **interior**
interior ballistics
aircraft **interiors**
use aircraft compartments
stellar **interiors**
interlacing drainage
use drainage patterns
interlaminar stress
interlayers
interlocking
use locking
intermedia
use multimedia
intermediate frequencies
intermediate frequency amplifiers
intermediate range ballistic missiles
intermetallics
intermittency
intermittency hypothesis
intermodulation
intermolecular forces
intermontane floors
use valleys
internal combustion engines
internal compression inlets
internal conversion
internal energy
internal flow
internal friction
internal pressure
internal stress
use residual stress
internal waves
International Cometary Explorer
use International Sun Earth Explorer 3
International Computers Limited
use ICL computers
international cooperation
International Field Year for Great Lakes
International Geophysical Year
International Geosphere-Biosphere program
International Hydrological Decade
international law
International Magnetospheric Explorer
International Magnetospheric Study
international practical temperature
use temperature scales
International Quiet Sun Year
international relations
International Satellite Cloud Climatology
use ISCCP Project
International Satellite Geodesy Experiment
International Sats for Ionospheric Study
use ISIS satellites
International Solar Polar Mission
use Ulysses mission
International Space Station
International Space Year
International Sun Earth Explorer 1
International Sun Earth Explorer 2
International Sun Earth Explorer 3
International Sun Earth Explorers
International System of Units
international trade
International Ultraviolet Explorer
use IUE
IQSY (**International** year)
Internet resources
Internets
internuclear properties
interorbital trajectories
interpersonal relations
use human relations
interphones
interplanetary communication
interplanetary dust
Interplanetary Explorer
use Explorer 18 satellite
interplanetary flight

interplanetary gas
interplanetary magnetic fields
interplanetary medium
interplanetary Monitoring Platform
use IMP
interplanetary navigation
interplanetary propulsion
use interplanetary spacecraft
rocket engines
interplanetary space
interplanetary spacecraft
interplanetary trajectories
interplanetary transfer orbits
interpolation
interpolators
use repeaters
interpretation
photograph **interpretation**
use photointerpretation
interprocessor communication
interrelationships
use relationships
interrogation
interruption
intersections
interservice data exchange program
diffuse **interstellar** bands
interstellar chemistry
interstellar communication
interstellar extinction
interstellar gas
interstellar magnetic fields
interstellar masers
interstellar matter
interstellar microwave spectra
use interstellar radiation
microwave spectra
interstellar radiation
interstellar reddening
use interstellar extinction
interstellar space
interstellar spacecraft
interstellar travel
interstices
interstitials
intersymbolic interference
intertropical convergent zones
multiple beam **interval** scanners
intervals
windows **(intervals)**
intervehicle spacecrew transfer
use spacecrew transfer
intervertebral disks
intestines
intoxication
intracranial cavity
intracranial pressure
intramolecular structures
intraocular pressure
intraorbit transfer vehicles
light **intratheater** transport
intravascular system
intravehicular activity
intravenous procedures
introversion
intruder aircraft
use A-6 aircraft
intrusion
rock **intrusions**

non- **intrusive** measurement
invader aircraft
use B-26 aircraft
invalidity
use errors
invariance
gauge **invariance**
invariant imbeddings
inventions
inventories
crop **inventories**
Crop **Inventories** by Remote Sensing
use AgRISTARS project
timber **inventory**
inventory controls
Large Area Crop **Inventory** Experiment
inventory management
inverse kinematics
inverse scattering
population **inversion**
inversions
magnetic field **inversions**
temperature **inversions**
invertebrates
inverted converters (DC to AC)
inverters
static **inverters**
investigation
accident **investigation**
aircraft accident **investigation**
investment
investment casting
investments
inviscid flow
invisibility
use visibility
involuntariness
use involuntary actions
involuntary actions
Io
iodates
lithium **iodates**
iodides
cesium **iodides**
hafnium **iodides**
niobium **iodides**
potassium **iodides**
silver **iodides**
sodium **iodides**
zirconium **iodides**
iodimetry
iodine
iodine 125
iodine 131
iodine 132
iodine compounds
iodine isotopes
iodine lasers
chemical oxygen- **iodine** lasers
iodoacetic acid
ion accelerators
ion acoustic waves
ion atom interactions
ion beams
ion chambers
use ionization chambers
ion charge
barium **ion** clouds

heavy **ion** collisions
use ionic collisions
ion concentration
ion currents
ion cyclotron radiation
ion density (concentration)
ionospheric **ion** density
magnetospheric **ion** density
ion distribution
ion emission
ion engines
mercury **ion** engines
ion exchange membrane electrolytes
ion exchange resins
ion exchanging
ion extraction
ion gages
use ionization gages
ion–gas interactions
ion impact
ion implantation
ion injection
gas- **ion** interactions
ion irradiation
retarding **ion** mass spectrometers
use mass spectrometers
secondary **ion** mass spectrometry
ion microscopes
ion mobility spectroscopy
ion motion
ion oscillation
use plasma oscillations
ion plating
ion probes
ion production rates
ion propulsion
ion pumps
ion recombination
electron- **ion** recombination
ion scattering
ion selective electrodes
ion sheaths
ion sources
ion spectrometers
use mass spectrometers
ion storage
ion stripping
ion temperature
radio frequency **ion** thrustor engines
use RIT engines
ion traps (instrumentation)
ionic collisions
ionic conductivity
use ion currents
ionic crystals
ionic diffusion
ionic mobility
ionic propellants
use ion engines
ionic reactions
ionic waves
ionization
atmospheric **ionization**
auroral **ionization**
electron **ionization**
use ionization
flame **ionization**
gas **ionization**
meteoritic **ionization**
use atmospheric ionization
meteor trails
nonequilibrium **ionization**
surface **ionization**
ionization chambers
ionization coefficients
ionization counters
use radiation counters
ionization cross sections
ionization frequencies
ionization gages
Bayard-Alpert **ionization** gages
Philips **ionization** gages
ionization potentials
ionized gases
ionized plasmas
use plasmas (physics)
ionizers
ionizing radiation
ionograms
ionopause
ionosondes
Earth **ionosphere**
lower **ionosphere**
lunar **ionosphere**
use lunar atmosphere
upper **ionosphere**
polar **ionosphere** beacon
use Beacon satellites
magnetosphere- **ionosphere** coupling
ionosphere Explorer A
use Explorer 20 satellite
ionosphere–magnetosphere coupling
Earth- **ionosphere** waveguide
ionospheres
planetary **ionospheres**
ionospheric absorption
use electromagnetic absorption
ionospheric propagation
ionospheric blackout
use blackout (propagation)
ionospheric composition
ionospheric conductivity
ionospheric cross modulation
ionospheric currents
ionospheric disturbances
SID **(ionospheric** disturbances)
sudden **ionospheric** disturbances
traveling **ionospheric** disturbances
ionospheric drift
ionospheric electron density
ionospheric F-scatter propagation
ionospheric heating
ionospheric ion density
ionospheric noise
ionospheric propagation
ionospheric reflection
use ionospheric propagation
orbiting radio beacon **ionospheric** sounder
use ORBIS
ionospheric sounding
ionospheric storms
International Sats for **ionospheric** Study
use ISIS satellites
ionospheric temperature
ionospheric tilts
ionospherics
ions

cesium **Ions**
ferric **Ions**
formyl **Ions**
heavy **Ions**
helium **Ions**
hydrogen **Ions**
hydronium **Ions**
light **Ions**
manganese **Ions**
metal **Ions**
molecular **Ions**
multicharged **Ions**
use ions
negative **Ions**
nitrogen **Ions**
oxygen **Ions**
positive **Ions**
recoil **Ions**
trivalent **Ions**
Iowa
IP (impact prediction)
use computerized simulation
IPAD
IQSY (international year)
use International Quiet Sun Year
Stratospheric Observatory for **IR** Astronomy
use SOFIA (airborne observatory)
IR lasers
use infrared lasers
Iran
Iraq
IRAS
use Infrared Astronomy Satellite
IRAS-Araki-Alcock comet
Irasers
use infrared lasers
IRBM (missiles)
use intermediate range ballistic missiles
Ireland
Northern **Ireland**
Iridescence
Iridium
Iridium alloys
Iridium compounds
Iridium isotopes
IRIS satellites
Irises (mechanical apertures)
IRM
use information resources management
Iron
Iron 57
Iron 58
Iron 59
Iron alloys
nickel **Iron** batteries
Iron chlorides
Iron compounds
Iron cyanides
yttrium-**Iron** garnet
Iron isotopes
Iron meteorites
stony-**Iron** meteorites
Iron ores
Iron oxides
Iroquois helicopter
use UH-1 helicopter
Nike-**Iroquois** rocket vehicle

Irradiance
Irradiation
auroral **Irradiation**
deuteron **Irradiation**
electron **Irradiation**
ion **Irradiation**
neutron **Irradiation**
proton **Irradiation**
x ray **Irradiation**
Irrationality
Irregular galaxies
Irregular variable stars
Irregularities
Irreversible processes
Irrigation
Irritation
Irrotational flow
use potential flow
IRS (Indian spacecraft)
use Indian spacecraft
ISAGEX
use International Satellite Geodesy Experiment
ISCCP Project
First **ISCCP** Regional Experiment
use FIRE (climatology)
Ischemia
ISEE
use International Sun Earth Explorers
Isentrope
Isentropic processes
Ising model
ISIS-A
ISIS-B
ISIS satellites
ISIS-X
Iskra aircraft
use TS-11 aircraft
Johnston **Island**
New Guinea **(Island)**
Prince Edward **Island**
Rhode **Island**
Wallops **Island**
Island arcs
Merritt **Island** (FL)
Assateague **Island** (MD-VA)
Long **Island** (NY)
Block **Island** Sound (RI)
Islands
Canary **Islands**
heat **Islands**
keys **(Islands)**
Kurile **Islands**
magnetic **Islands**
Maldive **Islands**
Pacific **Islands**
Virgin **Islands**
Aleutian **Islands** (US)
Infrared Space Observatory **(ISO)**
Isobars
nuclear **Isobars**
Isobars (pressure)
Isobutane
use butanes
Isobutylene
use butenes
Isochoric processes
Isochromatics
Oak Ridge **Isochronous** cyclotron

isocyanates
isoelectronic sequence
isoenergetic processes
isolation
social **isolation**
isolators
vibration **isolators**
isomerization
isomers
isomorphism
isoparametric finite elements
isoperimetric problem
isophotes
isopleths
use nomographs
isopropyl alcohol
isopropyl compounds
isopropyl nitrate
isopycnic processes
isostasy
hot **isostatic** pressing
isostatic pressure
isosteric processes
use isopycnic processes
isotensoid structures
isothermal flow
isothermal layers
isothermal processes
isotherms
isotonicity
isotope abundance ratios
use isotope ratios
isotope effect
isotope ratios
high flux **isotope** reactors
isotope separation
isotope shift
use isotope effect
isotopes
aluminum **isotopes**
americium **isotopes**
antimony **isotopes**
argon **isotopes**
arsenic **isotopes**
astatine **isotopes**
barium **isotopes**
beryllium **isotopes**
bismuth **isotopes**
boron **isotopes**
bromine **isotopes**
cadmium **isotopes**
calcium **isotopes**
californium **isotopes**
carbon **isotopes**
cerium **isotopes**
cesium **isotopes**
chromium **isotopes**
cobalt **isotopes**
copper **isotopes**
curium **isotopes**
dysprosium **isotopes**
erbium **isotopes**
europium **isotopes**
fluorine **isotopes**
gadolinium **isotopes**
gallium **isotopes**
germanium **isotopes**
gold **isotopes**
hafnium **isotopes**
helium **isotopes**
holmium **isotopes**
hydrogen **isotopes**
indium **isotopes**
iodine **isotopes**
iridium **isotopes**
iron **isotopes**
krypton **isotopes**
lanthanum **isotopes**
lead **isotopes**
lithium **isotopes**
lutetium **isotopes**
magnesium **isotopes**
manganese **isotopes**
mercury **isotopes**
molybdenum **isotopes**
neodymium **isotopes**
neon **isotopes**
neptunium **isotopes**
nickel **isotopes**
niobium **isotopes**
nitrogen **isotopes**
nobelium **isotopes**
osmium **isotopes**
oxygen **isotopes**
palladium **isotopes**
phosphorus **isotopes**
platinum **isotopes**
plutonium **isotopes**
polonium **isotopes**
potassium **isotopes**
praseodymium **isotopes**
promethium **isotopes**
protactinium **isotopes**
radioactive **isotopes**
radium **isotopes**
radon **isotopes**
rhenium **isotopes**
rhodium **isotopes**
rubidium **isotopes**
ruthenium **isotopes**
samarium **isotopes**
scandium **isotopes**
selenium **isotopes**
silicon **isotopes**
silver **isotopes**
sodium **isotopes**
strontium **isotopes**
sulfur **isotopes**
tantalum **isotopes**
technetium **isotopes**
tellurium **isotopes**
terbium **isotopes**
thallium **isotopes**
thorium **isotopes**
thulium **isotopes**
tin **isotopes**
titanium **isotopes**
tungsten **isotopes**
uranium **isotopes**
vanadium **isotopes**
xenon **isotopes**
ytterbium **isotopes**
yttrium **isotopes**
zinc **isotopes**
zirconium **isotopes**
isotopic analysis (quantitative)
use isotope ratios
isotopic enrichment

isotopic labeling
isotopic spin
isotropic media
isotropic turbulence
isotropism
isotropy
spatial **isotropy**
  use isotropy
    spatial distribution
Israel
Israeli space program
Israeli spacecraft
ISRO
isthmuses
ISY
  use International Space Year
Italian space program
Italy
itching
iteration
iterative networks
iterative solution
ITO (semiconductors)
ITOS 1
ITOS 2
ITOS 3
ITOS 4
ITOS satellites
IUE
IUS
  use Inertial Upper Stage
Modcomp **IV** computer
Ivory Coast
  use Cote d'Ivoire
Ivuna meteorite
Izsak ellipsoid
  use ellipsoids
    geodesy

J

IMP- **J**
OSO- **J**
Space Shuttle mission 51- **J**
J-2 engine
J-33 engine
J-34 engine
J-47 engine
J-52 engine
J-57 engine
J-58 engine
J-65 engine
J-69-T-25 engine
J-71 engine
J-73 engine
J-75 engine
J-79 engine
J-85 engine
J-93 engine
J-97 engine
J integral
J93–MJ252H engine
J93–MJ280G engine
Jabiru rocket vehicle
  use Jaguar rocket vehicle
jackets
jacking equipment
  use jacks (lifts)
jacks
jacks (electrical)
  use electric connectors
jacks (lifts)
Hamilton- **Jacobi** equation
Jacobi integral
Jacobi matrix method
Jacobi polynomials
  use hypergeometric functions
Jaguar aircraft
Jaguar rocket vehicle
Jahn–Teller effect
Jamaica
jammers
jamming
Janus
Janus Reactor
Janus spacecraft
Japan
Sea of **Japan**
Japanese space program
Japanese spacecraft
MOS **(Japanese** spacecraft)
jarring
  use mechanical shock
JAS–39 aircraft
JATO engines
Javelin aircraft
  use GA-5 aircraft
Javelin rocket vehicle
Nike- **Javelin** rocket vehicle
Jayhawk helicopter
  use H-60 Helicopter
JC–130 aircraft
Jeans theory
jeeps
  use automobiles
jerboas
New **Jersey**
jet aircraft
Alpha **jet** aircraft
Lear **jet** aircraft
jet aircraft noise
jet airstreams
  use jet streams (meteorology)
jet amplifiers
fluid **jet** amplifiers
  use fluid amplifiers
    jet amplifiers
jet assisted takeoff
  use JATO engines
jet augmented wing flaps
  use jet flaps
    wing flaps
reaction **jet** backpacks
  use self maneuvering units
jet blast effects
jet boundaries
jet condensers
jet control
jet damping
  use damping
    spin reduction
Jet Dragon aircraft
  use DH 125 aircraft

jet drive
use jet propulsion
jet engine fuels
jet engines
arc **jet** engines
pulsed **jet** engines
jet exhaust
hot **jet** exhaust
use high temperature gases
jet exhaust
jet flames
use flames
jet flow
jet flaps
jet flight
use jet aircraft
jet flow
peripheral **jet** flow
supersonic **jet** flow
JP-4 **jet** fuel
JP-5 **jet** fuel
JP-6 **jet** fuel
JP-7 **jet** fuel
JP-8 **jet** fuel
jet fuels
use jet engine fuels
jet impingement
jet lag
jet lift
jet membrane process
jet mixing flow
jet noise
use jet aircraft noise
jet nozzles
jet pilots
use aircraft pilots
jet propulsion
jet provost aircraft
jet pumps
Jet Star aircraft
use C-140 aircraft
jet streams (meteorology)
plasma **jet** synthesis
jet thrust
L-29 **jet** trainer
jet vanes
plasma **jet** wind tunnels
jetavators
use guide vanes
jets
air **jets**
exhaust **jets**
use exhaust gases
fluid **jets**
free **jets**
gas **jets**
hot **jets**
use jet flow
hydraulic **jets**
laminar **jets**
use jet flow
laminar flow
particle laden **jets**
plasma **jets**
reaction **jets**
use jet flow
jet thrust
turbulent **jets**
two dimensional **jets**
vapor **jets**
wall **jets**
water **jets**
use hydraulic jets
radio **jets** (astronomy)
Jetstream aircraft
jetties
use breakwaters
jettison systems
jettisoning
JF 101 aircraft
use F-101 aircraft
JFET
jigs
Jikiken satellite
use EXOS-B satellite
jimsphere balloons
Jindivik target aircraft
jitter
use vibration
San **Joaquin** Valley (CA)
jobs
use tasks
Jodrell Bank Observatory
Little **Joe** 2 launch vehicle
Honest **John** rocket vehicle
Little **John** rocket vehicle
Johnston Island
joined wings
joining
Joint European Torus
bolted **joints**
bonded **joints**
butt **joints**
lap **joints**
metal **joints**
riveted **joints**
seams **(joints)**
soldered **joints**
welded **joints**
joints (anatomy)
joints (junctions)
Lennard- **Jones** gas
Lennard- **Jones** potential
Jordan
Jordan form
Josephson junctions
Chapman- **Jouget** flame
Kutta- **Joukowski** condition
Joukowski transformation
Joule heating
use ohmic dissipation
resistance heating
Joule-Thomson effect
journal bearings
journals
journals (documents)
use periodicals
journals (shafts)
use shafts (machine elements)
JP-4 jet fuel
JP-5 jet fuel
JP-6 jet fuel
JP-7 jet fuel
JP-8 jet fuel
San **Juan** Mountains (CO)
judgments
Judi-Dart rocket
juices

jumpers
junction diodes
junction field effect transistors
use JFET
vertical **junction** solar cells
junction transistors
junctions
joints **(junctions)**
Josephson **junctions**
MBM **junctions**
metal-barrier-metal **junctions**
use MBM junctions
n-n **junctions**
n-p **junctions**
use p-n junctions
n-p-n **junctions**
p-i-n **junctions**
p-n **junctions**
p-n-p **junctions**
p-n-p-n **junctions**
semiconductor **junctions**
silicon **junctions**
silicon-on-sapphire **junctions**
use SOS (semiconductors)
tunnel **junctions**
jungles
use tropical regions
Juno 1 launch vehicle
Juno 2 launch vehicle
Juno launch vehicles
Jupiter atmosphere
Jupiter C rocket vehicle
Jupiter missile
Jupiter (planet)
Jupiter probes
Jupiter project
Jupiter red spot
Jupiter rings
Jupiter satellites
Mariner **Jupiter**-Saturn flyby
Mariner **Jupiter**-Uranus flyby
law **(jurisprudence)**

K

vitamin **K**
use phylloquinone
K band
use extremely high frequencies
k-epsilon turbulence model
K lines
k-mesons
k-omega turbulence model
K stars
K-T boundary
KA band
use extremely high frequencies
Kakutani theorem
Kalahari Basin (Africa)
Kalman filters
Kalman-Schmidt filtering
kamacite
Kaman aircraft
Kaman UH-2A helicopter
use UH-2 helicopter

Kampuchea
use Cambodia
Kansas
St Louis-**Kansas** City Corridor (MO)
kaolinite
kaon production
kaons
Kapitza resistance
Vegard-**Kaplan** bands
Kapoeta achondrite
Kappa 8 rocket vehicle
Kappa 9 rocket vehicle
kappa-epsilon turbulence model
kappa-omega turbulence model
Kappa rocket vehicles
Kapton (trademark)
Karhunen-Loeve expansion
Karl Fischer reagent
Karman-Bodewadt flow
Von **Karman** equation
Karman vortex street
karst
Kawasaki aircraft
Kazakhstan
KC-130 aircraft
KC-135 aircraft
keels
sea **keeping**
KEL-F
kelp
use seaweeds
Kelvin-Helmholtz instability
Kelvin waves
Cape **Kennedy** launch complex
Kentucky
Kenya
Kepler laws
keratins
keratitis
kernel functions
kerogen
kerosene
Kerr cells
Kerr effects
Kerr electrooptical effect
Kerr magnetooptical effect
Kestrel aircraft
use P-1127 aircraft
ketenes
ketones
kettles (geology)
Kevlar (trademark)
keying
binary phase shift **keying**
biphase shift **keying**
use binary phase shift keying
frequency shift **keying**
phase shift **keying**
quadraphase shift **keying**
use quadrature phase shift keying
quadrature phase shift **keying**
keys (islands)
apogee **kick** motors
use apogee boost motors
kidney diseases
kidneys
kilometer wave orbiting telescope
kilometric waves

kimberlite
use biotite
peridotite
kinematic equations
kinematics
body **kinematics**
inverse **kinematics**
kinescopes
use picture tubes
kinesthesia
kinesthesis
use proprioception
kinetic energy
kinetic equations
kinetic friction
kinetic heating
kinetic theory
kinetics
chemical **kinetics**
use reaction kinetics
reaction **kinetics**
Sea **King** helicopter
use SH-3 helicopter
United **Kingdom**
United **Kingdom** satellites
use UK satellites
USNS **Kingsport**
use satellite communications ships
kinoform
Congo **(Kinshasa)**
Kirchhoff-Helmholtz flow
Kirchhoff-Huygens principle
Fresnel- **Kirchhoff** integrals
Kirchhoff law
Kirchhoff law of networks
Kirchhoff law of radiation
Kirkendall effect
kite balloons
use tethered balloons
kits
KIWI B reactors
KIWI B-1 Reactor
KIWI B-4 Reactor
KIWI reactors
KIWI rocket reactors
use KIWI reactors
Kjeldahl method
Klebsiella
Klein-Dunham potential
Klein-Gordon equation
klippen
use outliers (landforms)
klystrons
knee (anatomy)
Sea **Knight** helicopter
use CH-46 helicopter
Black **Knight** rocket vehicle
knight shift
use nuclear magnetic resonance
knobs
Knoop hardness
knowledge
knowledge based systems
knowledge bases (artificial intelligence)
knowledge representation
Knudsen cells
use Knudsen gages
Knudsen flow
Knudsen gages
Knudsen number
use Knudsen flow
knurling
Kohoutek comet
Kolmogorov-Smirnov test
Kolmogorov theory
Kondo effect
Hong **Kong**
Korea
Democratic Peoples Republic of **Korea**
use North Korea
North **Korea**
Republic of **Korea**
use South Korea
South **Korea**
Korteweg-Devries equation
Kossel pattern
Kovar (trademark)
KP index
Kraft process (woodpulp)
Wentzel- **Kramer**-Brillouin method
Kramers-Kronig formula
Krebs cycle
kreep
kriging
Kronecker product
use orthogonality
Kramers- **Kronig** formula
Krook equation
Bhatnagar-Grass- **Krook** model
Krueger flaps
use leading edge flaps
krypton
krypton 85
krypton fluoride lasers
krypton isotopes
KS-3 aircraft
KU band
use superhigh frequencies
Kuiper Airborne Observatory
Kuiper belt
Kurile islands
kurtosis
Kutta-Joukowski condition
Runge- **Kutta** method
Kuwait
Kvant modules
KWIC indexes
Tennessee Valley (AL- **KY**-TN)
Kyokko satellite
use EXOS-A satellite
Kyrgyzstan

L

Space Shuttle mission 51- **L**
Cessna **L-19** aircraft
L-28 aircraft
L-29 aircraft
Omnipol **L-29** aircraft
L-29 jet trainer
L-1011 aircraft
L-2000 aircraft
Lockheed **L-2000** aircraft

L band
use ultrahigh frequencies
passive **L–band** radiometers
L–Sat
Atchafalaya River Basin **(LA)**
Lake Pontchartrain **(LA)**
Mississippi Delta **(LA)**
commerce **lab**
sortie **lab**
use sortie systems
Integ Med and Behavioral **Lab** Measur System
use IMBLMS
Atmospheric Cloud Physics **Lab** (Spacelab)
isotopic **labeling**
labeling (marking)
use marking
labor
laboratories
engine testing **laboratories**
environmental **laboratories**
human factors **laboratories**
lunar **laboratories**
lunar mobile **laboratories**
manned orbital **laboratories**
MOL (orbital **laboratories)**
space **laboratories**
underwater research **laboratories**
Advanced Technology **Laboratory**
Earth Viewing Applications **Laboratory**
German Infrared **Laboratory**
lunar receiving **laboratory**
Shuttle Avionics Integration **Laboratory**
use SAIL project
laboratory equipment
Labrador
labyrinth
labyrinth seals
labyrinthectomy
LACATE (experiment)
LACE (engine)
use liquid air cycle engines
BL **Lacertae** objects
lacquers
lactates
lactic acid
lactose
lacunae
ladders
particle **laden** jets
jet **lag**
time **lag**
lag (delay)
use time lag
LAGEOS (satellite)
lagoons
Lagrange coordinates
Euler- **Lagrange** equation
Lagrange equations of motion
use Euler-Lagrange equation
Lagrange multipliers
Lagrange similarity hypothesis
Lagrangian
use Lagrangian function
Lagrangian equilibrium points
Lagrangian function
Laguerre functions
lake beds
use beds (geology)
Lake Champlain Basin (NY-VT)
Lake Erie
Lake Huron
lake ice
Lake Michigan
Pyramid **Lake** (NV)
Lake Ontario
Lake Pontchartrain (LA)
Lake Superior
Lake Tahoe (CA-NV)
Lake Texoma (OK-TX)
Great Salt **Lake** (UT)
lakes
International Field Year for Great **Lakes**
Great **Lakes** (North America)
Lallemand cameras
Lamb waves
Lambda rocket vehicles
Lambda Tauri stars
Euler- **Lambert** equation
Lambert law
use Bouguer law
Lambert surface
Lame functions
Lame wave equations
lamella
lamella (metallurgy)
lamina
use layers
laminar boundary layer
laminar boundary layer separation
use boundary layer separation
laminar boundary layer
laminar flames
use flames
laminar flow
laminar flow
laminar flow airfoils
laminar flow control
use boundary layer control
laminar boundary layer
laminar heat transfer
laminar jets
use jet flow
laminar flow
laminar mixing
laminar wakes
laminated materials
use laminates
laminates
laminations
use laminates
lamps
use luminaires
alkali vapor **lamps**
arc **lamps**
electroluminescent **lamps**
use electroluminescence
luminaires
flash **lamps**
mercury **lamps**
quartz **lamps**
xenon **lamps**
LAMPS program
use Light Airborne Multipurpose System
LAN (computer networks)
use local area networks
Lance missile
land

barren **land**
land ice
air **land** interactions
land management
land mobile satellite service
land surface temperature
land use
rural **land** use
Landau damping
Landau factor
Landau–Ginzburg equations
Viking **lander** 1
Viking **lander** 2
Viking **lander** spacecraft
landfills
landforms
barriers **(landforms)**
bars **(landforms)**
bluffs **(landforms)**
bridges **(landforms)**
capes **(landforms)**
cirques **(landforms)**
cusps **(landforms)**
divides **(landforms)**
fans **(landforms)**
flats **(landforms)**
inliers **(landforms)**
outliers **(landforms)**
peaks **(landforms)**
terraces **(landforms)**
landing
aircraft **landing**
blind **landing**
crash **landing**
ditching **(landing)**
hard **landing**
horizontal spacecraft **landing**
lunar **landing**
Mars **landing**
planetary **landing**
soft **landing**
spacecraft **landing**
vertical **landing**
vertical takeoff and **landing**
use vertical landing
vertical takeoff
water **landing**
microvision **landing** aid
pilot **landing** aid television system
use PLAT system
landing aids
short takeoff & vertical **landing** aircraft
use STOVL aircraft
vertical attitude takeoff- **landing** aircraft
water takeoff and **landing** aircraft
automatic **landing** control
landing gear
retractable **landing** gear
use landing gear
retractable equipment
landing instruments
landing loads
landing mats
landing modules
lunar **landing** modules
landing radar
landing simulation
lunar orbit and **landing** simulators
landing sites
lunar **landing** sites
soft **landing** spacecraft
landing speed
microwave scanning beam **landing** system
landing systems
use landing aids
air cushion **landing** systems
all-weather **landing** systems
ILS **(landing** systems)
instrument **landing** systems
microwave **landing** systems
approach and **landing** tests (STS)
Ranger lunar **landing** vehicles
SLV (soft **landing** vehicles)
use soft landing spacecraft
glide **landings**
skid **landings**
video **landmark** acquisition and tracking
landmarks
arid **lands**
grazing **lands**
use grasslands
thematic mappers **(LANDSAT)**
Landsat 1
Landsat 2
Landsat 3
Landsat 4
Landsat 5
Landsat 6
Landsat 7
Landsat E
Landsat F
Landsat follow-on missions
Landsat satellites
landscape
use terrain
topography
landslides
lanes
use paths
Langevin formula
Langley complex coordinator
Langmuir–Blodgett films
Child- **Langmuir** law
Langmuir probes
use electrostatic probes
Langmuir turbulence
Ada (programming **language)**
algorithmic oriented **language**
use ALGOL
APL (programming **language)**
Assembly **language**
BASIC (programming **language)**
C (programming **language)**
C++ (programming **language)**
COGO (programming **language)**
Common Business Oriented **Language**
use Cobol
COMPASS (programming **language)**
coordinate geometry **language**
use COGO (programming language)
English **language**
FAB (programming **language)**
Forth (programming **language)**
HAL/S **(language)**
LISP (programming **language)**
MAP (programming **language)**
Pascal (programming **language)**
Prolog (programming **language)**

words **(language)**
natural **language** (computers)
natural **language** processing
language programming
languages
command **languages**
context free **languages**
document markup **languages**
hardware description **languages**
high level **languages**
higher order **languages**
use high level languages
machine oriented **languages**
programming **languages**
query **languages**
Sri **Lanka**
lanthanide series metals
use rare earth elements
lanthanum
lanthanum 140
use lanthanum isotopes
lanthanum alloys
lanthanum chlorides
lanthanum compounds
lanthanum fluorides
lanthanum isotopes
lanthanum oxides
lanthanum tellurides
Laos
lap joints
Laplace equation
Laplace operators
use Laplace transformation
Laplace transformation
time **lapse** photography
use chronophotography
lapse rate
LARA aircraft
use COIN aircraft
Univac **Larc** computer
large aperture seismic array
Large Area Crop Inventory Experiment
Very **Large** Array (VLA)
Large Deployable Reflector
large eddy simulation
Large Infrared Telescope on Spacelab
use LIRTS (telescope)
large scale integration
very **large** scale integration
large space structures
Large Space Telescope
use Hubble Space Telescope
European **Large** Telecomm Satellite
use L-Sat
LARGOS satellite
Larissa
Larmor precession
Larmor radius
larvae
larynx
laser ablation
scanning **laser** acoustic microscope (SLAM)
use acoustic microscopes
laser altimeters
laser anemometers
laser annealing
laser applications
laser arrays
laser beam defocusing
use thermal blooming
laser beams
laser cavities
laser communication
use optical communication
laser cooling
laser cutting
laser damage
laser deposition
pulsed **laser** deposition
laser diodes
use semiconductor lasers
laser doppler velocimeters
laser drilling
laser fusion
Laser Geodynamic Satellite
use LAGEOS (satellite)
laser guidance
laser guide stars
laser gyroscopes
laser heating
laser induced fluorescence
laser interferometry
laser machining
laser materials
laser micromachining
use laser machining
laser microscopy
laser mode locking
laser modes
laser outputs
laser plasma interactions
laser plasmas
laser power beaming
laser propulsion
laser pumping
laser radar
use optical radar
laser radiation
use laser beams
laser range finders
laser ranger/tracker
laser spectrometers
laser spectroscopy
laser stability
Nova **Laser** System
Shiva **laser** system
laser target designators
laser target interactions
laser targets
laser weapons
laser welding
laser windows
lasers
airborne **lasers**
aluminum gallium arsenide **lasers**
argon **lasers**
atmospheric **lasers**
carbon **lasers**
carbon dioxide **lasers**
carbon monoxide **lasers**
chemical **lasers**
chemical oxygen-iodine **lasers**
COIL **(lasers)**
continuous wave **lasers**
DBR **lasers**

deuterium fluoride **lasers**
use DF lasers
DF **lasers**
distributed Bragg reflector **lasers**
use DBR lasers
distributed feedback **lasers**
dye **lasers**
excimer **lasers**
Fabry-Perot **lasers**
use lasers
fiber **lasers**
free electron **lasers**
gallium arsenide **lasers**
gamma ray **lasers**
gas **lasers**
gasdynamic **lasers**
glass **lasers**
HCL **lasers**
HCL argon **lasers**
HCN **lasers**
helium-neon **lasers**
HF **lasers**
high intensity **lasers**
use high power lasers
high power **lasers**
hydrogen chloride **lasers**
use HCL lasers
hydrogen cyanide **lasers**
use HCN lasers
hydrogen fluoride **lasers**
use HF lasers
infrared **lasers**
injection **lasers**
iodine **lasers**
IR **lasers**
use infrared lasers
krypton fluoride **lasers**
liquid **lasers**
metal vapor **lasers**
natural **lasers**
use lasers
neodymium **lasers**
nitrogen **lasers**
nuclear pumped **lasers**
organic **lasers**
plasmadynamic **lasers**
power transmission **(lasers)**
pulsed **lasers**
Q switched **lasers**
quantum well **lasers**
Raman **lasers**
rare gas-halide **lasers**
ring **lasers**
ruby **lasers**
semiconductor **lasers**
solar **lasers**
use solar-pumped lasers
solar-pumped **lasers**
solid state **lasers**
spaceborne **lasers**
surface emitting **lasers**
TEA **lasers**
transversely excited atmospheric **lasers**
use TEA lasers
tube **lasers**
tunable **lasers**
two-wavelength **lasers**
ultrashort pulsed **lasers**
ultraviolet **lasers**
UV **lasers**
use ultraviolet lasers
waveguide **lasers**
x ray **lasers**
xenon chloride **lasers**
xenon fluoride **lasers**
YAG **lasers**
YLF **lasers**
yttrium lithium fluoride **lasers**
use YLF lasers
lasing
LASV
use F-111 aircraft
latch-up
latches
late stars
lateness
latent heat
latent heat of fusion
use heat of fusion
lateral control
lateral oscillation
lateral stability
laterality
use lateral stability
lateralization
use lateral control
laterites
latex
lathes
turret **lathes**
Latin square method
latitude
geomagnetic **latitude**
latitude measurement
high **latitudes**
use polar regions
low **latitudes**
use tropical regions
lattice imperfections
use crystal defects
vortex **lattice** method
lattice parameters
spin- **lattice** relaxation
lattice vibrations
lattices
BCC **lattices**
use body centered cubic lattices
body centered cubic **lattices**
close packed **lattices**
crystal **lattices**
cubic **lattices**
face centered cubic **lattices**
FCC **lattices**
use face centered cubic lattices
lattices (mathematics)
Latvia
Laue method
laughing
lunar **launch**
launch clouds
use exhaust clouds
Cape Kennedy **launch** complex
launch complexes
use launching bases
launch costs
launch dates

launch escape systems
ALS **(launch** system)
Advanced **Launch** System (STS)
launch time
use launch windows
standard **launch** vehicle 3
use Atlas SLV-3 launch vehicle
Standard **Launch** Vehicle 5
Ablestar **launch** vehicle
Ariane **launch** vehicle
Ariane 4 **launch** vehicle
Ariane 5 **launch** vehicle
Atlas Able 5 **launch** vehicle
Atlas Agena B **launch** vehicle
Atlas Centaur **launch** vehicle
Atlas SLV-3 **launch** vehicle
Black Arrow **launch** vehicle
use Black Knight rocket vehicle
Blue Streak **launch** vehicle
Centaur **launch** vehicle
launch vehicle configurations
Delta **launch** vehicle
Diamant **launch** vehicle
Eldo **launch** vehicle
Energiya **launch** vehicle
Europa 1 **launch** vehicle
Europa 2 **launch** vehicle
Europa 3 **launch** vehicle
Europa 4 **launch** vehicle
HOTOL **launch** vehicle
Juno 1 **launch** vehicle
Juno 2 **launch** vehicle
Little Joe 2 **launch** vehicle
Nomad **launch** vehicle
National **Launch** Vehicle Program
Proton **launch** vehicle
RAM B **launch** vehicle
Saturn 1 SA-1 **launch** vehicle
Saturn 1 SA-10 **launch** vehicle
Saturn 1 SA-2 **launch** vehicle
Saturn 1 SA-3 **launch** vehicle
Saturn 1 SA-4 **launch** vehicle
Saturn 1 SA-5 **launch** vehicle
Saturn 1 SA-6 **launch** vehicle
Saturn 1 SA-7 **launch** vehicle
Saturn 1 SA-8 **launch** vehicle
Saturn 1 SA-9 **launch** vehicle
Saturn D **launch** vehicle
Scout **launch** vehicle
Thor Agena **launch** vehicle
Thor Delta **launch** vehicle
Titan 3 **launch** vehicle
Titan 4 **launch** vehicle
Titan Centaur **launch** vehicle
vanguard 2 **launch** vehicle
Vega **launch** vehicle
X-33 reusable **launch** vehicle
X-34 reusable **launch** vehicle
launch vehicles
Atlas **launch** vehicles
Atlas Agena **launch** vehicles
Europa **launch** vehicles
heavy lift **launch** vehicles
Juno **launch** vehicles
Nova **launch** vehicles
recoverable **launch** vehicles
reusable **launch** vehicles
Saturn **launch** vehicles
Saturn 1 **launch** vehicles
Saturn 1B **launch** vehicles
Saturn 2 **launch** vehicles
Saturn 5 **launch** vehicles
Standard **Launch** Vehicles
Thor **launch** vehicles
Thorad **launch** vehicles
Titan **launch** vehicles
launch windows
Pegasus air- **launched** booster
launchers
gun **launchers**
hypervelocity **launchers**
missile **launchers**
mobile missile **launchers**
rocket **launchers**
launching
air **launching**
liftoff **(launching)**
orbital **launching**
rocket **launching**
satellite **launching**
use spacecraft launching
sea **launching**
spacecraft **launching**
launching bases
launching devices
use launchers
aircraft **launching** devices
launching pads
launching sites
lava
de **Laval** nozzles
use convergent-divergent nozzles
Laval number
law
air **law**
Beer **law**
Bouguer **law**
Child-Langmuir **law**
closure **law**
Coffin-Manson **law**
Curie-Weiss **law**
Dalton **law**
Fourier **law**
Henry **law**
Hookes **law**
international **law**
Kirchhoff **law**
Lambert **law**
use Bouguer law
Newton pressure **law**
Newton second **law**
Newton-Busemann **law**
Ohms **law**
public **law**
Raoult **law**
Reynolds **law**
use Reynolds equation
sea **law**
similitude **law**
Snells **law**
space **law**
Stefan-Boltzmann **law**
Stokes **law**
Tafel **law**
Weber-Fechner **law**
power **law** bodies
Stokes **law** (fluid mechanics)
law (jurisprudence)

Kirchhoff **law** of networks
Kirchhoff **law** of radiation
Stokes **law** of radiation
St **Lawrence** Valley (North America)
lawrencium
laws
conservation **laws**
Kepler **laws**
radiation **laws**
scaling **laws**
lay-up
atmospheric boundary **layer**
Chapman shear **layer**
use shear layers
compressible boundary **layer**
D **layer**
use D region
E-1 **layer**
E-2 **layer**
Ekman **layer**
F **layer**
use F region
hypersonic boundary **layer**
incompressible boundary **layer**
laminar boundary **layer**
night E **layer**
use E region
night sky
night F **layer**
use F region
night sky
ozone **layer**
use ozonosphere
planetary boundary **layer**
sporadic E **layer**
thermal boundary **layer**
three dimensional boundary **layer**
turbulent boundary **layer**
two dimensional boundary **layer**
thin **layer** chromatography
boundary **layer** combustion
boundary **layer** control
porous boundary **layer** control
atomic **layer** epitaxy
boundary **layer** equations
boundary **layer** flow
boundary **layer** noise
use aerodynamic noise
boundary layers
boundary **layer** plasmas
boundary **layer** separation
laminar boundary **layer** separation
use boundary layer separation
laminar boundary layer
boundary **layer** stability
boundary **layer** thickness
boundary **layer** transition
layers
barrier **layers**
boundary **layers**
deep scattering **layers**
E **layers**
use E region
flat **layers**
isothermal **layers**
plasma **layers**
shear **layers**
shock **layers**

stratified **layers**
use strata
supersonic boundary **layers**
surface **layers**
transition **layers**
mixing **layers** (fluids)
layouts
Lazarev meteorite
LC circuits
LCRE Reactor
use Lithium Cooled Reactor Experiment
LDEF
use Long Duration Exposure Facility
LDR (telescope)
use Large Deployable Reflector
Portevin- **le** Chatelier effect
leaching
lead acetates
lead acid batteries
lead alloys
lead chlorides
lead compounds
lead isotopes
lead (metal)
lead molybdates
lead organic compounds
lead oxides
lead poisoning
lead selenides
lead sulfides
lead tellurides
lead titanates
lead tungstates
lead zirconate titanates
leadership
leading edge flaps
leading edge slats
leading edge sweep
leading edge thrust
leading edges
blunt **leading** edges
sharp **leading** edges
beam **leads**
electrical **leads**
use electric conductors
leaf area index
leakage
Lear jet aircraft
learning
conditioning **(learning)**
habituation **(learning)**
machine **learning**
maze **learning**
learning curves
learning machines
use machine learning
learning theory
leasing
least squares method
leather
leaves
Lebanon
Lebesgue theorem
lectures
LED (diodes)
use light emitting diodes
Leda
ledges

Crocco- **Lee** theory
Stoss-and- **Lee** topography
lee waves
leg (anatomy)
legal liability
Legendre code
use computer programming
neutron scattering
Legendre functions
Legendre polynomials
use Legendre functions
Legendre transformation
use Legendre functions
legibility
leguminous plants
Leidenfrost phenomenon
LEM (lunar module)
use Lunar Module
lemmas
use theorems
length
Debye **length**
diffusion **length**
mixing **length** flow theory
Lennard–Jones gas
Lennard–Jones potential
lens antennas
lens design
lenses
contact **lenses**
Fresnel **lenses**
gravitational **lenses**
luneberg **lenses**
use radar corner reflectors
magnetic **lenses**
quadrupole **lenses**
use magnetic lenses
wide angle **lenses**
wire grid **lenses**
zoom **lenses**
lenticular bodies
LEO
use low earth orbits
LEO environments
use Earth orbital environments
Sierra **Leone**
Leonid meteoroids
leptons
LES (escape systems)
use launch escape systems
LES (mathematics)
use large eddy simulation
LES (satellites)
use Lincoln Experimental Satellites
LESA (lunar exploration system)
use Lunar Exploration System for Apollo
lesions
pulmonary **lesions**
Lesotho
Lesser Antilles
linear energy transfer **(LET)**
lethality
lethargy
letters (symbols)
use symbols
leucine
leukemias
leukocytes
leukopenia
level
sea **level**
level (horizontal)
high **level** languages
level (quantity)
low **level** turbulence
leveling
atomic energy **levels**
effective perceived noise **levels**
electronic **levels**
use electron energy
energy levels
energy **levels**
liquid **levels**
molecular energy **levels**
levers
levitation
acoustic **levitation**
levitation melting
magnetic **levitation** vehicles
Shoemaker- **Levy** 9 comet
Okazaki- **Levy**–Rudenko comet
Lewis base
Lewis numbers
Lexan (trademark)
LFO
use Landsat follow-on missions
liabilities
legal **liability**
Liapunov functions
evolution **(liberation)**
Liberia
libraries
subroutine **libraries** (computers)
integrated **library** systems
libration
librational motion
Libya
Libyan desert
licensing
lichens
lidar
use optical radar
DIAL **(lidar)**
differential absorption **lidar**
lie groups
Liechtenstein
Lienard potential
lies
LIF (fluorescence)
use laser induced fluorescence
extraterrestrial **life**
fatigue **life**
half **life**
machine **life**
use service life
service **life**
life (biology)
use life sciences
life cycle costs
life detectors
life (durability)
life rafts
life sciences
life span
Integrated Maneuvering **Life** Support Sys
use IMLSS
life support systems

bioregenerative **life** support systems
use closed ecological systems
portable **life** support systems
emergency **life** sustaining systems
accelerated **life** tests
lifeboats
carrier **lifetime**
orbital **lifetime**
plasma **lifetime**
radiative **lifetime**
satellite **lifetime**
lifetime (durability)
use life (durability)
lift
aerodynamic **lift**
use lift
interference **lift**
jet **lift**
rotor **lift**
variable **lift**
use lift
zero **lift**
powered **lift** aircraft
heavy **lift** airships
lift augmentation
lift coefficients
use aerodynamic coefficients
lift
direct **lift** controls
lift devices
lift distribution
use force distribution
lift
lift drag ratio
lift fans
lift forces
use lift
heavy **lift** helicopters
heavy **lift** launch vehicles
lifting bodies
M-2 **lifting** body
M-2F2 **lifting** body
M-2F3 **lifting** body
lifting reentry vehicles
lifting rotors
lifting surfaces
use lift devices
lifting bodies
surfaces
liftoff (launching)
lifts
elevators **(lifts)**
jacks **(lifts)**
ligaments
ligands
coherent **light**
extragalactic **light**
use extraterrestrial radiation
polarized **light**
ultraviolet **light**
use ultraviolet radiation
zodiacal **light**
light absorption
use electromagnetic absorption
light adaptation
Light Airborne Multipurpose System
light aircraft
light alloys
light amplifiers
light armed reconnaissance aircraft
use COIN aircraft
light beams
light bulbs
use luminaires
light communication
use optical communication
light-cone expansion
fly by **light** control
light curve
light duration
use flash
pulse duration
light elements
light emission
light emitting diodes
light gas guns
light helicopters
white **light** holography
light intensity
use luminous intensity
light intratheater transport
light ions
light modulation
ULM **(light** modulation)
ultrasonic **light** modulation
light modulators
light pressure
use illuminance
light probes
use light beams
mass to **light** ratios
light scattering
light scattering meters
light sources
light speed
light transmission
light transport aircraft
Advanced Technology **Light** Twin aircraft
use ATLIT project
light valves
light (visible radiation)
light water
light water breeder reactors
light water reactors
nuclear **lightbulb** engines
Lighthill gas model
Lighthill method
lighting
use illuminating
lighting equipment
lightning
ball **lightning**
lightning suppression
lights
use luminaires
aircraft **lights**
airport **lights**
runway **lights**
lignin
lignite
maximum **likelihood** estimates
likelihood ratio
Earth **limb**
lunar **limb**
planetary **limb**
solar **limb**
limb brightening
limb darkening

limbs
limbs (anatomy)
lime
use calcium oxides
limen
limestone
proportional **limit**
Roche **limit**
limitations
use constraints
International Computers **Limited**
use ICL computers
diffraction **limited** cameras
power **limited** spacecraft
limiter amplifiers
limiter circuits
power **limiters**
limiters (fusion reactors)
limits
confidence **limits**
ignition **limits**
limits (mathematics)
limnology
limonite
Lincoln Experimental Satellites
H alpha **line**
H beta **line**
H gamma **line**
program trend **line** analysis
line current
Fraunhofer **line** discriminators
line of sight
line of sight communication
on- **line** programming
line shape
line spectra
on- **line** systems
spectral **line** width
lineament
use structural properties (geology)
linear AC alternators
use linear alternators
linear accelerators
linear alternators
linear amplifiers
linear arrays
multispectral **linear** arrays
linear circuits
linear energy transfer (LET)
linear equations
linear evolution equations
linear filters
linear integrated circuits
linear operators
linear polarization
linear prediction
linear programming
linear quadratic Gaussian control
linear quadratic regulator
linear receivers
linear regulator
use linear quadratic regulator
linear systems
linear transformations
linear vibration
linearity
linearization
linen

liners
use linings
lines
acoustic delay **lines**
axes (reference **lines)**
caustic **lines**
D **lines**
delay **lines**
dielectronic satellite **lines**
use resonance lines
flat coaxial transmission **lines**
use microstrip transmission lines
fluid transmission **lines**
Fraunhofer **lines**
geodesic **lines**
H **lines**
K **lines**
microstrip transmission **lines**
parallel strip **lines**
use microstrip transmission lines
power **lines**
resonance **lines**
spectral **lines**
use line spectra
strip transmission **lines**
telluric **lines**
terminator **lines**
transmission **lines**
trunks **(lines)**
underground transmission **lines**
delay **lines** (computer storage)
lines (geometry)
lines of force
Ling-Temco-Vought aircraft
linguistics
lining processes
linings
rocket **linings**
linkages
linking
use joining
links
data **links**
links (mathematics)
Liouville equations
Sturm- **Liouville** operator
Liouville theorem
Sturm- **Liouville** theory
lip reading
lipid metabolism
lipids
lipoic acid
lipoproteins
lips (anatomy)
Lipschitz condition
liquefaction
coal **liquefaction**
gas **liquefaction**
use condensing
liquefied gases
liquefied natural gas
condensers **(liquefiers)**
liquid air
liquid air cycle engines
liquid alloys
liquid ammonia
liquid atomization
liquid bearings
liquid breathing

liquid bridges
liquid chromatography
liquid cooled reactors
liquid cooling
liquid crystals
liquid drops
use drops (liquids)
vapor **liquid** equilibrium
use liquid-vapor equilibrium
liquid filled shells
liquid flow
liquid fluorine
liquid fuels
liquid–gas mixtures
liquid helium
liquid helium 2
liquid hydrogen
liquid injection
gas- **liquid** interactions
liquid- **liquid** interfaces
liquid lasers
liquid levels
liquid lithium
liquid mercury
use mercury (metal)
liquid metal cooled reactors
liquid metal fast breeder reactors
liquid metals
liquid neon
liquid nitrogen
liquid oxidizers
liquid oxygen
fluorine- **liquid** oxygen
liquid oxygen hydrocarbon rocket engines
use oxygen-hydrocarbon rocket engines
liquid phase epitaxy
liquid phase sintering
liquid phases
liquid plus solid zones
use mushy zones
liquid potassium
liquid propellant rocket engines
liquid rocket propellants
liquid rotation
use rotating liquids
liquid sloshing
liquid sodium
liquid–solid interfaces
liquid surfaces
liquid–vapor equilibrium
liquid–vapor interfaces
liquid wastes
liquids
coal derived **liquids**
drops **(liquids)**
Fermi **liquids**
organic **liquids**
potable **liquids**
rotating **liquids**
liquidus
LIRTS (telescope)
LISP (programming language)
Lissajous figures
lists
hardware utilization **lists**
literature
lithergol rocket engines
lithergolic propellants
use hybrid propellants
lithiasis
lithium
liquid **lithium**
lithium 4
use lithium isotopes
lithium 6
use lithium isotopes
lithium alloys
aluminum- **lithium** alloys
lithium aluminum hydrides
lithium borates
lithium chlorides
lithium compounds
organic **lithium** compounds
Lithium Cooled Reactor Experiment
yttrium **lithium** fluoride lasers
use YLF lasers
lithium fluorides
lithium hydrides
lithium hydroxides
lithium iodates
lithium isotopes
lithium niobates
lithium oxides
lithium perchlorates
lithium sulfates
lithium sulfur batteries
lithography
ultraviolet **lithography**
use lithography
lithology
lithosphere
Lithuania
Little Joe 2 launch vehicle
Little John rocket vehicle
littoral currents
use coastal currents
littoral drift
littoral transport
liver
Livermore Pool Type Reactor
liverworts
use Bryophytes
livestock
lixiscopes
lizards
Llanos Orientales (Colombia)
LMCR (reactors)
use liquid metal cooled reactors
LMFBR
use liquid metal fast breeder reactors
LNG
use liquefied natural gas
load carrying capacity
load distribution (forces)
load factors
use loads (forces)
flight **load** recorders
load testing machines
load tests
loading
atmospheric **loading**
use pollution transport
critical **loading**
edge **loading**
variable amplitude **loading**
wing **loading**

loading forces
use loads (forces)
loading moments
loading operations
loading rate
loading waves
use elastic waves
loads (forces)
aerodynamic **loads**
axial **loads**
axial compression **loads**
blast **loads**
compression **loads**
contact **loads**
cyclic **loads**
dummy **loads**
use impedance
loading
output
dynamic **loads**
gust **loads**
impact **loads**
landing **loads**
random **loads**
rolling contact **loads**
shock **loads**
static **loads**
thrust **loads**
transient **loads**
transverse **loads**
vibratory **loads**
loads (forces)
lobes
occipital **lobes**
local area networks
local group (astronomy)
local scientific survey module
local thermodynamic equilibrium
localization
use position (location)
sound **localization**
LOCATES system
location
use position (location)
position **(location)**
Feature Identification and **Location** Exper
Location of Air Traffic Satellites
use LOCATES system
emergency **locator** transmitters
loci
phase **lock** demodulators
phase **locked** systems
Lockheed 186 helicopter
use XH-51 helicopter
Lockheed aircraft
Lockheed C-5 aircraft
use C-5 aircraft
Lockheed CL-595 helicopter
use XH-51 helicopter
Lockheed CL-823 aircraft
use CL-823 aircraft
Lockheed Constellation aircraft
use C-121 aircraft
Lockheed L-2000 aircraft
use L-2000 aircraft
Lockheed model 18 aircraft
Lockheed U-2 aircraft
use U-2 aircraft
Lockheed XV-4A aircraft
use XV-4 aircraft
locking
injection **locking**
laser mode **locking**
locks
air **locks**
locks (fasteners)
locomotion
astronaut **locomotion**
locomotives
locusts
Karhunen- **Loeve** expansion
LOFAR
LOFTI satellites
use low frequency transionospheric satellites
lofting
log periodic antennas
log spiral antennas
logarithmic receivers
logarithms
logging (industry)
logic
fluid **logic**
mathematical **logic**
predicate **logic**
temporal **logic**
threshold **logic**
transistor **logic**
logic circuits
logic design
programmable **logic** devices
Diode-Transistor- **Logic** integ circuits
transistor-transistor- **logic** integ circuits
logic networks
use logic circuits
logic programming
logic units
use arithmetic and logic units
arithmetic and **logic** units
logical elements
logistics
lunar **logistics**
space **logistics**
logistics management
logistics over the shore (LOTS) carrier
LOH helicopter
use OH-6 helicopter
Loki rocket vehicle
LOLA (simulator)
use lunar orbit and landing simulators
Baldwin- **Lomax** turbulence model
Lomonosov current
very **long** base interferometry
Very **Long** Baseline Array (VLBA)
Long Duration Exposure Facility
long duration space flight
Long Island (NY)
long period variables
use Mira variables
long range navigation
use loran
long range weather forecasting
long term effects

Long Term Zonal Earth Energy Experiment
use LZEEBE satellite
long wave radiation
long waves (meteorology)
use planetary waves
longerons
longevity
longitude
solar **longitude**
longitude measurement
longitudinal control
longitudinal stability
longitudinal waves
longshore currents
use coastal currents
look angles (electronics)
look angles (tracking)
forward **looking** infrared detectors
use FLIR detectors
side- **looking** radar
loop antennas
closed **loop** systems
use feedback control
loop transfer functions
loop transfer recovery
loops
coronal **loops**
corrosion test **loops**
LOR (rendezvous)
use lunar orbital rendezvous
LORAC navigation system
loran
loran C
loran D
Lorentz contraction
Fitzgerald- **Lorentz** contraction
Lorentz force
Lorentz gas
Lorentz transformations
LORV
use low observable reentry vehicles
Los Alamos Molten Plutonium Reactor
Los Alamos Turret Reactor
use high temperature nuclear reactors
Los Alamos Water Boiler Reactor
coolant **loss**
use loss of coolant
energy **loss**
use energy dissipation
hearing **loss**
use auditory defects
insertion **loss**
plasma **loss**
power **loss**
transmission **loss**
water **loss**
friction **loss** coefficient
use friction factor
loss of coolant
losses
lossless equipment
lossless materials
lossy media
lost wax process
use investment casting
logistics over the shore **(LOTS**) carrier
LOTS cargo ships
use cargo ships
loudness
loudspeakers
St **Louis**-Kansas City Corridor (MO)
Louisiana
lounges
mobile **lounges**
louvers
Love waves
low alloy steels
use high strength steels
low altitude
supersonic **low** altitude missile
low aspect ratio
low aspect ratio wings
low carbon steels
low concentrations
low conductivity
low cost
low currents
low density flow
low density gases
use rarefied gases
low density materials
low density research
low density wind tunnels
low Earth orbital environments
use Earth orbital environments
low earth orbits
low frequencies
extremely **low** frequencies
very **low** frequencies
low frequency transionospheric satellites
low gravity
use microgravity
low gravity manufacturing
Low Intensity X Ray Imaging Scopes
use lixiscopes
low latitudes
use tropical regions
low level turbulence
low mass
use mass
low molecular weights
low noise
low observable reentry vehicles
low pass filters
low pressure
low pressure chambers
use vacuum chambers
low resistance
low Reynolds number
low speed
low speed stability
low speed wind tunnels
low temperature
low temperature brazing
low temperature environments
low temperature physics
low temperature plasmas
use cold plasmas
low temperature tests
low thrust
low thrust propulsion
low turbulence
low vacuum

low velocity
  use low speed
low visibility
low voltage
low volume ramjet engines
low weight
low wing aircraft
lower atmosphere
Lower Atmospheric Composition Experiment
  use LACATE (experiment)
lower body negative pressure
Lower California (Mexico)
lower ionosphere
LOX–hydrocarbon rocket engines
LOX–hydrogen engines
LOX (oxygen)
  use liquid oxygen
LPTR Reactor
  use Livermore Pool Type Reactor
LQG control
  use linear quadratic Gaussian control
LQR
  use linear quadratic regulator
LR–62-RM-2 engine
LR–87-AJ-5 engine
LR–91-AJ-5 engine
LR circuits
  use RL circuits
LRC circuits
  use RLC circuits
LRV (vehicle)
  use lunar roving vehicles
LSI
  use large scale integration
LSSM
LST
  use Hubble Space Telescope
LTE (astronomy)
  use local thermodynamic equilibrium
LTV aircraft
  use Ling-Temco-Vought aircraft
lubricant tests
lubricants
gas **lubricants**
high temperature **lubricants**
solid **lubricants**
gas **lubricated** bearings
  use gas bearings
self **lubricating** materials
lubricating oils
lubrication
boundary **lubrication**
self **lubrication**
space environmental **lubrication**
  use spacecraft lubrication
spacecraft **lubrication**
vapor phase **lubrication**
lubrication systems
lucite (trademark)
  use polymethyl methacrylate
Luder bands
  use plastic deformation
    yield point
Ludox (trademark)
lugs
lumbar region
lumbering areas
  use forests
lumens
luminaires
luminance
luminescence
lunar **luminescence**
shock wave **luminescence**
luminescent intensity
  use luminous intensity
luminosity
stellar **luminosity**
luminous flux density
  use luminous intensity
luminous intensity
lumped parameter systems
lumping
LUNA lunar probes
  use Lunik lunar probes
lunar albedo
lunar atmosphere
lunar based equipment
lunar bases
lunar cinematography
  use lunar photography
lunar communication
lunar composition
lunar construction equipment
lunar core
lunar craters
lunar crust
lunar dust
lunar echoes
lunar eclipses
lunar effects
lunar environment
lunar equator
lunar escape devices
lunar evolution
lunar excavation equipment
Apollo **lunar** experiment module
lunar exploration
Lunar Exploration System for Apollo
LESA **(lunar** exploration system)
lunar far side
lunar figure
lunar flight
lunar flying vehicles
lunar geology
lunar gravitation
lunar gravitational effects
Lunar Gravity Simulator
lunar ionosphere
  use lunar atmosphere
lunar laboratories
lunar landing
lunar landing modules
lunar landing sites
Ranger **lunar** landing vehicles
lunar launch
lunar limb
lunar logistics
lunar luminescence
lunar magnetic fields
lunar mantle
lunar maps
lunar maria
lunar mining
lunar mobile laboratories

Lunar Module
Lunar Module 5
Lunar Module 7
Lunar Module Ascent Stage
LEM **(lunar** module)
lunar observatories
lunar occultation
High Eccentric **Lunar** Occultation Satellite
use Exosat satellite
lunar orbit and landing simulators
lunar orbital rendezvous
Lunar Orbiter
Lunar Orbiter 1
Lunar Orbiter 2
Lunar Orbiter 3
Lunar Orbiter 4
Lunar Orbiter 5
Lunar Orbiter A
use Lunar Orbiter 1
Lunar Orbiter B
use Lunar Orbiter 2
Lunar Orbiter C
use Lunar Orbiter 3
Lunar Orbiter D
use Lunar Orbiter 4
Lunar Orbiter E
use Lunar Orbiter 5
lunar orbits
lunar perturbation
use lunar effects
lunar phases
lunar photographs
lunar photography
Lunik 2 **lunar** probe
Lunik 3 **lunar** probe
Lunik 9 **lunar** probe
Lunik 10 **lunar** probe
Lunik 11 **lunar** probe
Lunik 12 **lunar** probe
Lunik 13 **lunar** probe
Lunik 14 **lunar** probe
Lunik 16 **lunar** probe
Lunik 17 **lunar** probe
Lunik 19 **lunar** probe
Lunik 20 **lunar** probe
Lunik 22 **lunar** probe
Pioneer 4 **lunar** probe
use Pioneer 4 space probe
Ranger 1 **lunar** probe
Ranger 2 **lunar** probe
Ranger 3 **lunar** probe
Ranger 4 **lunar** probe
Ranger 5 **lunar** probe
Ranger 6 **lunar** probe
Ranger 7 **lunar** probe
Ranger 8 **lunar** probe
Ranger 9 **lunar** probe
Surveyor 1 **lunar** probe
Surveyor 2 **lunar** probe
Surveyor 3 **lunar** probe
Surveyor 4 **lunar** probe
Surveyor 5 **lunar** probe
Surveyor 6 **lunar** probe
Surveyor 7 **lunar** probe
lunar probes
LUNA **lunar** probes
use Lunik lunar probes
Lunik **lunar** probes

Ranger **lunar** probes
Surveyor **lunar** probes
lunar programs
lunar radar echoes
lunar radiation
lunar rangefinding
lunar rays
lunar receiving laboratory
lunar resources
lunar retroreflectors
lunar rocks
lunar rotation
lunar roving vehicles
Lunokhod **lunar** roving vehicles
lunar satellites
lunar scattering
use diffuse radiation
lunar radar echoes
lunar seismographs
lunar shadow
lunar shelters
lunar soil
lunar spacecraft
orbiting **lunar** stations
lunar surface
Apollo **Lunar** Surface Experiments Package
Lunar Surface Scientific Modules
use LSSM
lunar surface vehicles
manned **lunar** surface vehicles
lunar temperature
Hansen **lunar** theory
Hill **lunar** theory
lunar tides
lunar topography
lunar trajectories
lunation
use month
luneberg lenses
use radar corner reflectors
lung morphology
lungs
Lunik 2 lunar probe
Lunik 3 lunar probe
Lunik 9 lunar probe
Lunik 10 lunar probe
Lunik 11 lunar probe
Lunik 12 lunar probe
Lunik 13 lunar probe
Lunik 14 lunar probe
Lunik 16 lunar probe
Lunik 17 lunar probe
Lunik 19 lunar probe
Lunik 20 lunar probe
Lunik 22 lunar probe
Lunik lunar probes
Lunokhod lunar roving vehicles
luster
lutetium
lutetium 176
use lutetium isotopes
lutetium compounds
lutetium isotopes
Luxembourg
Luxembourg effect
Luxembourg space program
Lyapunov functions
use Liapunov functions

Lybia
use Libya
Lyman alpha radiation
Lyman beta radiation
Lyman spectra
lymph
lymphocytes
lyophilization
use colloiding
lyophils
use colloids
Lyra constellation
lysergine
lysimeters
lysine
Lysithea
lysogenesis
lysosomes
lysozyme
LZEEBE satellite

M

TIROS **M**
vitamin **M**
use folic acid
M–1 engine
M–2 lifting body
M–2F2 lifting body
M–2F3 lifting body
M–46 engine
M–55 engine
M–56 engine
M–57 engine
M–100 engine
C- **M** diagram
M region
M stars
M wings
use variable sweep wings
Mercury **MA–1** flight
MA–2 engine
Mercury **MA–2** flight
MA–2 mission
MA–3 engine
MA–3 flight
Mercury **MA–3** flight
MA–4 flight
Mercury **MA–4** flight
MA–5 engine
MA–5 flight
Mercury **MA–5** flight
Mercury **MA–6** flight
Mercury **MA–7** flight
MA–8 flight
Mercury **MA–8** flight
MA–9 flight
Mercury **MA–9** flight
maars
use craters
Mace missiles
Mach cones
Mach inertia principle
Mach number
critical **Mach** number
use critical velocity
Mach number
Mach reflection
Mach–Zehnder interferometers
Connection **Machine**
Cushioncraft ground effect **machine**
DTMB-111 ground effect **machine**
use ground effect machines
DTMB-430 ground effect **machine**
use ground effect machines
SR-N2 ground effect **machine**
use Westland ground effect
machines
SR-N3 ground effect **machine**
use Westland ground effect
machines
SR-N5 ground effect **machine**
use Westland ground effect
machines
Westland SR-N2 ground effect **machine**
use Westland ground effect
machines
Westland SR-N3 ground effect **machine**
use Westland ground effect
machines
Westland SR-N5 ground effect **machine**
use Westland ground effect
machines
shafts **(machine** elements)
transmissions **(machine** elements)
machine–independent programs
machine learning
machine life
use service life
machine oriented languages
machine recognition
use artificial intelligence
machine storage
use computer storage devices
core storage
man **machine** systems
machine tools
machine translation
machine vision
use computer vision
machinery
positioning devices **(machinery)**
refrigerating **machinery**
boring **machines**
drafting **machines**
fatigue testing **machines**
finite-state **machines**
use Turing machines
grinding **machines**
ground effect **machines**
HD-1 ground effect **machines**
use hovercraft ground effect
machines
hovercraft ground effect **machines**
impact testing **machines**
learning **machines**
use machine learning
load testing **machines**
milling **machines**
reading **machines**
use readers
rotating electrical **machines**
teaching **machines**
testing **machines**
use test equipment
tide powered **machines**

Turing **machines**
ultrasonic grinding **machines**
use ultrasonic machining
vibration testing **machines**
use vibration simulators
walking **machines**
waterwave powered **machines**
welding **machines**
Westland ground effect **machines**
windmills (windpowered **machines**)
machining
chemical **machining**
electrochemical **machining**
hot **machining**
laser **machining**
material removal (**machining**)
milling (**machining**)
spark **machining**
ultrasonic **machining**
Macintosh PC
use Macintosh personal computers
Macintosh personal computers
MacLaurin series
macroclimate
use climate
macromolecules
macrophages
macroscopic equations
macular vision
use vision
Madagascar
Maffei galaxies
magazines (supply chambers)
Magdalena-Cauca Valley (Colombia)
Magellan Mission (ESA)
use Magellan ultraviolet astronomy satellite
Magellan project (NASA)
Magellan spacecraft (NASA)
Magellan ultraviolet astronomy satellite
Magellanic clouds
magic tees
magma
magnesium
magnesium alloys
magnesium bromides
magnesium cells
magnesium chlorides
magnesium compounds
magnesium fluorides
magnesium germanates
magnesium germanides
magnesium isotopes
magnesium oxides
magnesium perchlorates
magnesium sulfates
magnesium titanates
Magnesyn (trademark)
use servomotors
magnet coils
magnetic absorption
use electromagnetic absorption
magnetic amplifiers
magnetic annular arc
magnetic annular shock tubes
magnetic anomalies
magnetic bearings
magnetic charge density
scalar **magnetic** charge
use magnetic charge density
magnetic circuits
magnetic clouds
magnetic coils
magnetic compasses
magnetic compression
magnetic control
magnetic cooling
magnetic cores
magnetic diffusion
magnetic dipoles
magnetic disks
magnetic dispersion
magnetic disturbances
magnetic domains
magnetic drums
magnetic effects
magnetic energy storage
magnetic equator
magnetic field configurations
magnetic field intensity
use magnetic flux
magnetic field inversions
magnetic field reconnection
solar **magnetic** field
magnetic fields
force-free **magnetic** fields
galactic **magnetic** fields
use interstellar magnetic fields
interplanetary **magnetic** fields
interstellar **magnetic** fields
lunar **magnetic** fields
nonuniform **magnetic** fields
planetary **magnetic** fields
stellar **magnetic** fields
trapped **magnetic** fields
magnetic films
magnetic flux
magnetic forming
magnetic induction
magnetic induction probes
use magnetic probes
magnetic islands
magnetic lenses
magnetic levitation vehicles
magnetic materials
magnetic measurement
magnetic memories
use magnetic storage
magnetic metals
use magnetic materials metals
magnetic mirrors
magnetic moments
magnetic monopoles
magnetic permeability
magnetic pistons
magnetic poles
magnetic probes
magnetic properties
magnetic pumping
magnetic recording
magnetic relaxation
magnetic resonance
nuclear **magnetic** resonance
proton **magnetic** resonance
magnetic rigidity
magnetic sails

magnetic shielding
magnetic signals
magnetic signatures
magnetic spectroscopy
magnetic stars
magnetic storage
magnetic storms
magnetic substorms
use magnetic storms
magnetic surveys
magnetic susceptibility
use magnetic permeability
magnetic suspension
magnetic switching
magnetic tape recorders
use magnetic recording
tape recorders
magnetic tape transports
magnetic tapes
magnetic transducers
magnetic variations
magnetically trapped particles
susceptibility **(magnetism)**
terrestrial **magnetism**
use geomagnetism
magnetite
magnetization
magneto–optics
Active **Magneto** Particle Tracer Explorers
use AMPTE (satellites)
magnetoacoustic waves
magnetoacoustics
magnetoactivity
magnetocardiography
magnetoelastic vibrations
use magnetoelastic waves
magnetoelastic waves
magnetoelasticity
use magnetostriction
magnetoelectric media
magnetogasdynamics
use magnetohydrodynamics
magnetograms
use magnetic signatures
magnetohydrodynamic acceleration
use plasma acceleration
magnetohydrodynamic flow
magnetohydrodynamic generators
magnetohydrodynamic shear heating
magnetohydrodynamic stability
magnetohydrodynamic turbulence
magnetohydrodynamic waves
magnetohydrodynamics
magnetohydrostatics
magnetoionic plasma
use plasmas (physics)
magnetoionics
magnetomechanics (physics)
magnetometers
magnetometry
use magnetic measurement
Bohr **magneton**
Kerr **magnetooptical** effect
magnetopause
magnetoplasmadynamics
magnetoplasmas
use plasmas (physics)
magnetoresistivity
magnetosheath
magnetosonic resonance
Earth **magnetosphere**
ionosphere- **magnetosphere** coupling
magnetosphere–ionosphere coupling
magnetospheres
cometary **magnetospheres**
planetary **magnetospheres**
pulsar **magnetospheres**
stellar **magnetospheres**
magnetospheric electron density
International **Magnetospheric** Explorer
magnetospheric instability
magnetospheric ion density
Atmospheric and **Magnetospheric** Payload
use AMPS (satellite payload)
magnetospheric proton density
International **Magnetospheric** Study
magnetostatic amplifiers
magnetostatic fields
magnetostatics
magnetostriction
Earth **magnetotail**
use geomagnetic tail
magnetotails
planetary **magnetotails**
magnetotelluric profiling
use magnetic surveys
magnetovariographs
use variometers
magnetron sputtering
magnetrons
magnets
cryogenic **magnets**
high field **magnets**
permanent **magnets**
superconducting **magnets**
wiggler **magnets**
magnification
magnifiers
use magnification
magnitude
stellar **magnitude**
color- **magnitude** diagram
magnons
Magnus effect
magsails
use magnetic sails
MagSat 1 satellite
Magsat A satellite
MagSat B satellite
MagSat satellites
air **mail**
electronic **mail**
Space Shuttle **Main** Engine
main sequence stars
pre- **main** sequence stars
Maine
China (communist) **mainland**
use China
maintainability
maintenance
aircraft **maintenance**
space **maintenance**
spacecraft **maintenance**
file **maintenance** (computers)
maintenance training
majority carriers
decision **making**

Malagasy Republic
use Madagascar
Malawi
Malaya
use Malaysia
Malaysia
Maldive Islands
maleates
males
malfunctions
Mali
Malkus theory
malleability
malononitrile
Malta
mammals
marine **mammals**
mammary glands
man
use human beings
man–computer interface
man environment interactions
man machine systems
man operated propulsion systems
man powered aircraft
man tended free flyers
management
business **management**
use industrial management
configuration **management**
contract **management**
data **management**
engineering **management**
environment **management**
financial **management**
fluid **management**
forest **management**
industrial **management**
information **management**
information resources **management**
inventory **management**
land **management**
logistics **management**
matrix **management**
personnel **management**
procurement **management**
production **management**
program **management**
use project management
project **management**
records **management**
research **management**
resources **management**
safety **management**
systems **management**
terminal area energy **management**
total quality **management**
waste **management**
water **management**
weapon system **management**
management analysis
management information systems
management methods
management planning
Central Electronic **Management** System
management systems
data base **management** systems
flight **management** systems
manatees

Mandelstam representation
mandrels
Valsalva **maneuver**
use Valsalva exercise
maneuverability
highly **maneuverable** aircraft
maneuverable reentry bodies
maneuverable spacecraft
Orbit **Maneuvering** Engine (Space Shuttle)
astronaut **maneuvering** equipment
Integrated **Maneuvering** Life Support Sys
use IMLSS
teleoperator **maneuvering** system
use teleoperators
manned **maneuvering** units
self **maneuvering** units
SMU (**maneuvering** units)
space self **maneuvering** units
use self maneuvering units
orbital **maneuvering** vehicles
maneuvers
aircraft **maneuvers**
orbital **maneuvers**
satellite **maneuvers**
use spacecraft maneuvers
spacecraft **maneuvers**
manganese
manganese 53
use manganese isotopes
manganese 54
use manganese isotopes
manganese 56
use manganese isotopes
manganese alloys
manganese compounds
manganese ions
manganese isotopes
manganese oxides
manganese phosphides
Manganin (trademark)
Taylor **manifest** anxiety scale
Riemann **manifold**
manifolds
manifolds (mathematics)
manipulation
use manipulators
remote **manipulator** system
manipulators
Manitoba
Manitou (CO)
Mann–Whitney-Wilcoxon U test
Manned Aerodynamic Reusable Spaceship
use MARS (Manned Reusable Spacecraft)
manned lunar surface vehicles
manned maneuvering units
manned Mars missions
manned orbital laboratories
manned orbital space stations
use space stations
manned orbital telescopes
manned reentry
MARS (**Manned** Reusable Spacecraft)
manned space flight
manned space flight network
manned spacecraft
voskhod **manned** spacecraft
Hermes **manned** spaceplane

Manning theory
mannitol
manometers
manpower
Coffin- **Manson** law
Earth **mantle**
lunar **mantle**
core- **mantle** boundary
mantle (Earth structure)
use Earth mantle
planetary **mantles**
manual
manual control
manuals
installation **manuals**
user **manuals** (computer programs)
manufacturing
CAM **(manufacturing)**
computer aided **manufacturing**
low gravity **manufacturing**
space **manufacturing**
manures
many body problem
many electron effects
many particle theory
use many body problem
Patterson **map**
map matching guidance
MAP (programming language)
Venus Radar **Mapper**
use Magellan spacecraft (NASA)
Venus Radar **Mapper** Project
use Magellan project (NASA)
thematic **mappers** (LANDSAT)
mapping
cadastral **mapping**
computer aided **mapping**
conformal **mapping**
flux **mapping**
use flux density mapping
ice **mapping**
planetary **mapping**
soil **mapping**
thematic **mapping**
thermal **mapping**
Heat Capacity **Mapping** Mission
Total Ozone **Mapping** Spectrometer
maps
astronomical **maps**
lunar **maps**
radar **maps**
radar clutter **maps**
relief **maps**
weather **maps**
use meteorological charts
Mapsat
maraging
maraging steels
Marangoni convection
Marboro 2 engine
use J-69-T-25 engine
spatial **marching**
time **marching**
San **Marco** 1 satellite
San **Marco** 2 satellite
San **Marco** 3 satellite
San **Marco** satellites
Marecs maritime satellites

margins
continental **margins**
use continental shelves
maria
lunar **maria**
marijuana
marine biology
marine chemistry
marine environments
marine mammals
marine meteorology
marine navigation
use surface navigation
marine propulsion
marine resources
marine rudders
marine technology
marine transportation
Mariner 1 space probe
Mariner 2 space probe
Mariner 3 space probe
Mariner 4 space probe
Mariner 5 space probe
Mariner 6 space probe
Mariner 7 space probe
Mariner 8 space probe
Mariner 9 space probe
Mariner 10 space probe
Mariner 11 space probe
Mariner C spacecraft
Mariner Jupiter-Saturn flyby
Mariner Jupiter-Uranus flyby
Mariner Mark 2 Spacecraft
Mariner-Mercury 1973
Mariner program
Mariner R 2 space probe
Mariner space probes
Mariner spacecraft
Mariner Venus 67 spacecraft
Mariner Venus-Mercury 1973
San **Marino**
Marisat 1 satellite
Marisat satellites
Maritime Communication Satellite (ESA)
use Marots (ESA)
Maritime Orbital Test Satellite
use Marots (ESA)
maritime satellites
Marecs **maritime** satellites
Mark 1 reentry body
Mark 1 spacecraft
Mark 2 reentry body
Mariner **Mark** 2 Spacecraft
Mark 3 reentry body
Mark 4 reentry body
Mark 5 reentry body
Mark 6 reentry body
Mark 11 reentry body
Mark 12 reentry body
Mark 17 reentry body
Markarian galaxies
markers
market research
marketing
marking
labeling **(marking)**
Markov chains
Markov processes

Gauss- **Markov** theorem
document **markup** languages
Marots (ESA)
Marquardt R4D engine
bone **marrow**
mars
Mars 1 spacecraft
Mars 2 spacecraft
Mars 3 spacecraft
Mars 4 Spacecraft
Mars 5 spacecraft
Mars 6 spacecraft
Mars 7 spacecraft
Mars 69 project
Mars 71 project
Mars atmosphere
Mars bases
Mars colonies
  use Mars bases
Mars craters
Mars environment
Mars Excursion Module
Mars exploration
Mars Geoscience Climatology Orbiter
  use Mars Observer
Mars landing
MARS (Manned Reusable Spacecraft)
manned **Mars** missions
Mars Observer
Mars Pathfinder
Mars photographs
Mars (planet)
Mars probes
Viking **Mars** program
Mars Rover Sample Return Mission
  use Mars sample return missions
Marsokhod **Mars** roving vehicles
Mars sample return missions
Mars satellites
Mars surface
Mars surface samples
Earth- **Mars** trajectories
Mars volcanoes
marshes
  use marshlands
marshlands
coastal **marshlands**
  use marshlands
Marsokhod Mars roving vehicles
martensite
martensitic stainless steels
martensitic transformation
Martin aircraft
martingales
Martinique
Maryland
mascons
maser materials
optical **maser** modulation
  use light modulation
maser outputs
maser pumping
maser resonators
  use masers
masers
gas **masers**
hydrogen **masers**
infrared **masers**
  use infrared lasers
interstellar **masers**
optical **masers**
  use lasers
proton **masers**
traveling wave **masers**
water **masers**
masking
target **masking**
masks
oxygen **masks**
Masonite (trademark)
masonry
mass
atomic **mass**
  use atomic weights
ballast **(mass)**
center of **mass**
critical **mass**
electron **mass**
galactic **mass**
low **mass**
  use mass
particle **mass**
planetary **mass**
stellar **mass**
subcritical **mass**
weight **(mass)**
stellar **mass** accretion
missing **mass** (astrophysics)
mass balance
mass distribution
mass drivers
coronal **mass** ejection
stellar **mass** ejection
mass filters
  use fluid filters
mass flow
mass flow factors
mass flow rate
payload **mass** ratio
propellant **mass** ratio
mass ratios
mass spectra
mass spectrometers
retarding ion **mass** spectrometers
  use mass spectrometers
mass spectrometry
  use mass spectroscopy
secondary ion **mass** spectrometry
mass spectroscopy
variable **mass** systems
mass to light ratios
mass transfer
density **(mass** /volume)
Massachusetts
massaging
air **masses**
massifs
massive stars
massively parallel processors
MAST shock tubes
  use magnetic annular shock tubes
mastication
mastoids
matched filters
matching
impedance **matching**

phase **matching**
map **matching** guidance
point **matching** method (mathematics)
use boundary value problems
Terrain Contour **Matching** Navigation System
use TERCOM
audio visual **material**
mortars **(material)**
paper **(material)**
pitch **(material)**
material absorption
material balance
hazardous **material** disposal (in space)
grinding **(material** removal)
material removal (machining)
use machining
material strength
use mechanical properties
materials
ablative **materials**
absorbers **(materials)**
acceptor **materials**
aging **(materials)**
aircraft construction **materials**
airframe **materials**
amorphous **materials**
attrition **(materials)**
binary systems **(materials)**
binders **(materials)**
boron reinforced **materials**
brittle **materials**
building **materials**
use construction materials
carbonaceous **materials**
composite **materials**
construction **materials**
cork **(materials)**
curl **(materials)**
debonding **(materials)**
dielectric **materials**
use dielectrics
dislocations **(materials)**
donor **materials**
dredged **materials**
electrode **materials**
fatigue **(materials)**
ferrimagnetic **materials**
ferroelectric **materials**
ferromagnetic **materials**
FGM **(materials)**
fibrous **materials**
use fibers
fissile **materials**
use fissionable materials
fissionable **materials**
foils **(materials)**
fractures **(materials)**
functionally gradient **materials**
granular **materials**
hardening **(materials)**
hazardous **materials**
high temperature **materials**
use refractory materials
inorganic **materials**
insulating **materials**
use insulation
laminated **materials**
use laminates
laser **materials**
lossless **materials**
low density **materials**
magnetic **materials**
maser **materials**
matrix **materials**
molding **materials**
nanocrystalline **materials**
use nanocrystals
nonflammable **materials**
noxious **materials**
use contaminants
optical **materials**
optical data storage **materials**
organic **materials**
PCM **(materials)**
phase change **materials**
phase separation **(materials)**
phase stability **(materials)**
photoelastic **materials**
photoelectric **materials**
porous **materials**
pyrolytic **materials**
pyrophoric **materials**
radioactive **materials**
radiogenic **materials**
radome **materials**
reactor **materials**
refractory **materials**
reinforcing **materials**
RFI (composite **materials)**
RTM (composite **materials)**
self lubricating **materials**
semiconductors **(materials)**
sizing **materials**
spacecraft construction **materials**
SPF **(materials)**
sponges **(materials)**
stacking sequence (composite **materials)**
strategic **materials**
strength of **materials**
use mechanical properties
structural **materials**
use construction materials
superconductors **(materials)**
superhybrid **materials**
thermochromatic **materials**
thermoelectric **materials**
thickeners **(materials)**
transparent **materials**
use transparence
vitreous **materials**
materials handling
cellular **materials** (non biological)
use foams
materials recovery
materials science
netting **(materials** /structures)
materials testing reactors
use nuclear research and test reactors
materials tests
mathematical analysis
use applications of mathematics
mathematical logic
mathematical models
mathematical programming
mathematical tables
mathematics
analysis **(mathematics)**

applications of **mathematics**
arguments **(mathematics)**
ARMA **(mathematics)**
attractors **(mathematics)**
bifurcation **(mathematics)**
biological models **(mathematics)**
branching **(mathematics)**
censored data **(mathematics)**
combinations **(mathematics)**
complements **(mathematics)**
continuity **(mathematics)**
convolutions **(mathematics)**
cubes **(mathematics)**
cusps **(mathematics)**
DCT **(mathematics)**
discretization **(mathematics)**
dividing **(mathematics)**
expressions **(mathematics)**
fibers **(mathematics)**
fixed points **(mathematics)**
formulas **(mathematics)**
functions **(mathematics)**
grid generation **(mathematics)**
grids **(mathematics)**
ill-conditioned problems **(mathematics)**
ill-posed problems **(mathematics)**
imbeddings **(mathematics)**
improperly-posed problems **(mathematics)**
induction **(mathematics)**
lattices **(mathematics)**
LES **(mathematics)**
limits **(mathematics)**
links **(mathematics)**
manifolds **(mathematics)**
matrices **(mathematics)**
mesh **(mathematics)**
mesh generation **(mathematics)**
operators **(mathematics)**
partitions **(mathematics)**
point matching method **(mathematics)**
points **(mathematics)**
reduction **(mathematics)**
relaxation method **(mathematics)**
rings **(mathematics)**
robustness **(mathematics)**
series **(mathematics)**
singularity **(mathematics)**
squares **(mathematics)**
stars **(mathematics)**
structured grids **(mathematics)**
subsets **(mathematics)**
superimposition **(mathematics)**
superposition **(mathematics)**
transformations **(mathematics)**
trees **(mathematics)**
truncation **(mathematics)**
unstructured grids **(mathematics)**
upwind schemes **(mathematics)**
vectors **(mathematics)**
Mathieu equation
use Mathieu function
Mathieu function
Matra missile
matrices
Hessian **matrices**
matrices (circuits)
matrices (mathematics)

scattering **matrix**
use S matrix theory
stiffness **matrix**
matrix analysis
use matrices (mathematics)
ceramic **matrix** composites
epoxy **matrix** composites
metal **matrix** composites
polymer **matrix** composites
resin **matrix** composites
fiber- **matrix** interfaces
matrix management
matrix materials
Jacobi **matrix** method
matrix methods
matrix stress calculation
use matrix methods
matrix theory
S **matrix** theory
landing **mats**
circumstellar **matter**
use stellar envelopes
dark **matter**
degenerate **matter**
dissolved organic **matter**
extraterrestrial **matter**
interstellar **matter**
negative **matter**
rotating **matter**
matter–antimatter propulsion
matter (physics)
condensed **matter** physics
negative **matter** propulsion
MATTS (systems)
maturing
use growth
Mauler missile
Mauritania
Mauritius
Maverick missiles
Max Holste MH-262 aircraft
use MH-262 aircraft
maxima
maximum entropy method
maximum likelihood estimates
Solar **Maximum** Mission
Solar **Maximum** Mission-A
maximum principle
maximum usable frequency
Maxwell bodies
Maxwell–Boltzmann density function
Maxwell equation
Maxwell fluids
Maxwell–Mohr method
Maxwellian distribution (density)
use Maxwell-Boltzmann density function
Born- **Mayer** equation
Mayer problem
maypole antennas
maze learning
MB–1 rocket vehicle
MBM junctions
McDonnell aircraft
McDonnell Douglas aircraft
McLaurin series
use MacLaurin series
Mcleod gages

McMurdo sound
MCR reactors
use military compact reactors
MD 11 aircraft
MD 80 aircraft
Susquehanna River Basin **(MD** -NY-PA)
Assateague Island **(MD** -VA)
Delmarva Peninsula (DE- **MD**-VA)
Potomac River Valley **(MD** -VA-WV)
MDA
use multiple docking adapters
ME P-160 aircraft
use P-160 aircraft
Messerschmitt **ME** P-160 aircraft
use P-160 aircraft
ME P-308 aircraft
use P-308 aircraft
Messerschmitt **ME** P-308 aircraft
use P-308 aircraft
monoethanolamine **(MEA)**
meadowlands
use grasslands
mean
mean free path
root- **mean**-square errors
mean square values
mean time between failures
use MTBF
meanders
Integ Med and Behavioral Lab **Measur** System
use IMBLMS
Shannon-Wiener **measure**
measure and integration
measure theory
use measure and integration
measurement
acceleration **measurement**
acoustic **measurement**
density **measurement**
depth **measurement**
dimensional **measurement**
displacement **measurement**
downrange **measurement**
drag **measurement**
electrical **measurement**
electromagnetic **measurement**
electromagnetic noise **measurement**
electronic signal **measurement**
use signal measurement
flow **measurement**
frequency **measurement**
friction **measurement**
heat **measurement**
high alt target and background **measurement**
humidity **measurement**
impedance **measurement**
in situ **measurement**
latitude **measurement**
longitude **measurement**
magnetic **measurement**
mechanical **measurement**
noise **measurement**
non-intrusive **measurement**
use nonintrusive measurement
nonintrusive **measurement**
optical **measurement**
photoelastic stress **measurement**
use photoelastic analysis
photographic **measurement**
plasma flux **measurement**
precipitation particle **measurement**
pressure **measurement**
radar **measurement**
radiation **measurement**
range **measurement**
use rangefinding
signal **measurement**
sound **measurement**
use acoustic measurement
strain **measurement**
stress **measurement**
synoptic **measurement**
temperature **measurement**
thrust **measurement**
time **measurement**
trajectory **measurement**
units of **measurement**
velocity **measurement**
vibration **measurement**
voltage **measurement**
use electrical measurement
weight **measurement**
wind **measurement**
wind velocity **measurement**
x ray density **measurement**
x ray stress **measurement**
body **measurement** (biology)
Downrange Antimissile **Measurement** Program
Radio Attenuation **Measurement** project
Earth terminal **measurement** system
measures
measuring
use measurement
torque **measuring** apparatus
use torquemeters
distance **measuring** equipment
measuring instruments
optical **measuring** instruments
radiation **measuring** instruments
shock **measuring** instruments
temperature **measuring** instruments
time **measuring** instruments
inertial **measuring** units
use inertial platforms
mecamylamine
irises **(mechanical** apertures)
mechanical devices
mechanical drawings
use engineering drawings
mechanical drives
mechanical engineering
mechanical fingers
use end effectors
mechanical hands
use end effectors
mechanical impedance
mechanical measurement
mechanical oscillators
mechanical properties
mechanical resonance
use resonant vibration
mechanical shock
mechanical twinning
bladders **(mechanics)**
celestial **mechanics**
classical **mechanics**
continuum **mechanics**
diaphragms **(mechanics)**

fault **mechanics**
use fracture mechanics
flight **mechanics**
fluid **mechanics**
fracture **mechanics**
head (fluid **mechanics)**
hole distribution **(mechanics)**
hole geometry **(mechanics)**
holes **(mechanics)**
nonrelativistic **mechanics**
orbital **mechanics**
orbital resonances (celestial **mechanics)**
quantum **mechanics**
relaxation **(mechanics)**
rock **mechanics**
soil **mechanics**
solid **mechanics**
space **mechanics**
statistical **mechanics**
Stokes law (fluid **mechanics)**
tolerances **(mechanics)**
mechanics (physics)
mechanism
Dungeys wind shear **mechanism**
use wind shear
regulatory **mechanisms** (biology)
mechanization
mechanograms
mechanoreceptors
meclizine
Integ **Med** and Behavioral Lab Measur System
use IMBLMS
media
anisotropic **media**
conducting **media**
use conductors
elastic **media**
extragalactic **media**
use intergalactic media
intergalactic **media**
isotropic **media**
lossy **media**
magnetoelectric **media**
news **media**
median (statistics)
mediastinum
mediation
medical electronics
medical equipment
medical personnel
medical phenomena
medical science
medical services
medicine
aerospace **medicine**
clinical **medicine**
nuclear **medicine**
radiation **medicine**
use nuclear medicine
space **medicine**
use aerospace medicine
sports **medicine**
veterinary **medicine**
Mediterranean Sea
interplanetary **medium**
medium scale integration

meetings
use conferences
megalopolises
megamechanics
Meissner effect
use diamagnetism
superconductivity
melamine
melanin
melanoidin
Mellin transforms
diabetes **mellitus**
melt spinning
melting
arc **melting**
fusion **(melting)**
levitation **melting**
vacuum **melting**
zone **melting**
high **melting** compounds
use refractory materials
melting points
containerless **melts**
impact **melts**
melts (crystal growth)
MEM (excursion module)
use Mars Excursion Module
skin (structural **member)**
cantilever **members**
plates (structural **members)**
structural **members**
studs (structural **members)**
membrane analogy
use membrane structures
structural analysis
ion exchange **membrane** electrolytes
jet **membrane** process
membrane structures
membrane theory
use structural analysis
membranes
choroid **membranes**
webs **(membranes)**
cell **membranes** (biology)
magnetic **memories**
use magnetic storage
memory
distributed **memory**
plastic **memory**
random access **memory**
shape **memory** alloys
memory (computers)
optical **memory** (data storage)
bubble **memory** devices
chips **(memory** devices)
compact disk read-only **memory** devices
use optical disks
read-only **memory** devices
virtual **memory** systems
mendelevium
meningitis
menisci
menstruation
mental health
mental performance
mental stress
use stress (psychology)
menthol

meprobamate
mercaptan
  use thiols
mercapto compounds
  use thiols
Mercator projection
Mercure aircraft
liquid **mercury**
  use mercury (metal)
Mariner- **Mercury** 1973
Mariner Venus- **Mercury** 1973
mercury alloys
mercury amalgams
mercury arcs
Mercury atmosphere
mercury cadmium tellurides
mercury compounds
Ferranti **Mercury** computer
Mercury flights
mercury ion engines
mercury isotopes
mercury lamps
Mercury MA-1 flight
Mercury MA-2 flight
Mercury MA-3 flight
Mercury MA-4 flight
Mercury MA-5 flight
Mercury MA-6 flight
Mercury MA-7 flight
Mercury MA-8 flight
Mercury MA-9 flight
mercury (metal)
Mercury MR-1 flight
Mercury MR-2 flight
Mercury MR-3 flight
Mercury MR-4 flight
mercury oxides
Mercury (planet)
Mercury project
Mercury spacecraft
Mercury surface
mercury tellurides
cadmium **mercury** tellurides
  use mercury cadmium tellurides
Earth- **Mercury** trajectories
mercury vapor
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meridional flow
figure of **merit**
Merlin (helicopter)
  use EH-101 helicopter
meromorphic functions
Merritt Island (FL)
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mesas
MESFETs
  use field effect transistors
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wire **mesh**
  use wire cloth
mesh generation (mathematics)
  use grid generation (mathematics)
mesh (mathematics)
  use computational grids
mesitylene
mesometeorology
meson- **meson** interactions
meson-nucleon interactions
meson resonance

mesons
eta- **mesons**
k- **mesons**
omega- **mesons**
rho- **mesons**
sigma- **mesons**
vector **mesons**
X **mesons**
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mesophiles
mesoscale phenomena
mesosphere
Solar **Mesosphere** Explorer
Mesozoic Era
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messages
messenger RNA
  use ribonucleic acids
Messerschmitt ME P-160 aircraft
  use P-160 aircraft
Messerschmitt ME P-308 aircraft
  use P-308 aircraft
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metabolic wastes
metabolism
adrenal **metabolism**
ascorbic acid **metabolism**
calcium **metabolism**
carbohydrate **metabolism**
electrolyte **metabolism**
hydrogen **metabolism**
lipid **metabolism**
mineral **metabolism**
nitrogen **metabolism**
oxygen **metabolism**
phosphorus **metabolism**
protein **metabolism**
hormone **metabolisms**
metabolites
metagalaxy
  use universe
babbitt **metal**
lead **(metal)**
mercury **(metal)**
plate **(metal)**
sheet **metal**
  use metal sheets
metal air batteries
refractory **metal** alloys
metal bonding
metal- **metal** bonding
metal clusters
metal coatings
metal combustion
ceramic- **metal** composites
metal compounds
alkali **metal** compounds
liquid **metal** cooled reactors
metal corrosion
  use corrosion
metal crystals
metal cutting
metal-insulator- **metal** diodes
metal drawing
liquid **metal** fast breeder reactors
metal fatigue
metal fibers
metal films
metal finishing

metal fluorides
metal foams
metal foils
metal forging
use forging
metal forming
use forming techniques
metal working
metal fuels
metal–gas systems
metal grinding
metal halides
metal hardening
use hardening (materials)
metal hydrides
metal insulator semiconductors
use MIS (semiconductors)
gas- **metal** interactions
metal ions
metal joints
metal-barrier- **metal** junctions
metal matrix composites
metal–nitride-oxide-semiconductors
metal–nitride-oxide-silicon
metal nitrides
metal organic chemical vapor deposition
metal oxide semiconductors
complementary **metal** oxide semiconductors
use CMOS
metal oxides
metal particles
metal plates
metal polishing
metal powder
metal propellants
metal-insulator- **metal** semiconductors
metal-oxide- **metal** semiconductors
metal-semiconductor- **metal** semiconductors
metal sheets
metal shells
metal spinning
metal spraying
metal strips
metal surfaces
metal vapor lasers
metal vapors
metal–water reactions
metal whisker reinforcement
use whisker composites
metal working
metallic glasses
metallic hydrogen
metallic plasmas
metallic stars
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metallizing
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metallorganic compounds
use organometallic compounds
metallosiloxane polymers
use organometallic polymers
metalloxane polymers
use organometallic polymers
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aging **(metallurgy)**
HAZ **(metallurgy)**
lamella **(metallurgy)**
pickling **(metallurgy)**
powder **metallurgy**
rapid quenching **(metallurgy)**
spinning **(metallurgy)**
temper **(metallurgy)**
metalorganic chemical vapor deposition
metals
alkali **metals**
alkaline earth **metals**
ferrous **metals**
lanthanide series **metals**
use rare earth elements
liquid **metals**
magnetic **metals**
use magnetic materials
metals
noble **metals**
nonferrous **metals**
notched **metals**
use notch tests
polished **metals**
use metal polishing
powdered **metals**
use metal powder
precious **metals**
use noble metals
refractory **metals**
synthetic **metals**
transition **metals**
ultrapure **metals**
metamorphic rocks
metamorphism (geology)
metastability
use metastable state
metastable atoms
metastable state
metathesis
metazoa
use animals
Brorsen- **Metcalf** comet
Meteor 1 rocket vehicle
meteor bursts
use meteoroid showers
meteor craters
use craters
meteor hazards
use meteoroid hazards
Harvard Radio **Meteor** Project
meteor trails
Alais **meteorite**
Allende **meteorite**
Aroos **meteorite**
Bondoc **meteorite**
Bruderheim **meteorite**
Cold Bokkeveld **meteorite**
Harleton **meteorite**
Ivuna **meteorite**
Lazarev **meteorite**
Murchison **meteorite**
Murray **meteorite**
Odessa **meteorite**
Okhansk **meteorite**
Orgueil **meteorite**
Pribram **meteorite**
Sikhote-Alin **meteorite**
Tonk **meteorite**
Tungusk **meteorite**
meteorite collisions

meteorite compression tests
use compression tests
mechanical properties
meteorites
meteorite craters
fossil **meteorite** craters
use fossils
meteorite craters
meteorites
carbonaceous **meteorites**
iron **meteorites**
siderite **meteorites**
use iron meteorites
stony **meteorites**
stony-iron **meteorites**
meteoritic composition
meteoritic damage
meteoritic diamonds
meteoritic dust
use micrometeoroids
meteoritic ionization
use atmospheric ionization
meteor trails
meteoritic microstructures
meteoroid concentration
meteoroid craters
use meteorite craters
meteoroid dust clouds
meteoroid hazards
meteoroid protection
Radiation and **Meteoroid** satellite
meteoroid showers
Radiation **Meteoroid** spacecraft
Meteoroid Technology Satellite
use Explorer 46 satellite
meteoroids
Aquarid **meteoroids**
Arietid **meteoroids**
Cyrillid **meteoroids**
Draconid **meteoroids**
Geminid **meteoroids**
Leonid **meteoroids**
Orionid **meteoroids**
Perseid **meteoroids**
Quadrantid **meteoroids**
sporadic **meteoroids**
Taurid **meteoroids**
meteorological balloons
meteorological charts
meteorological flight
meteorological instruments
World **Meteorological** Organization
meteorological parameters
meteorological probes
use sondes
meteorological radar
meteorological research aircraft
meteorological rockets
use sounding rockets
Defense **Meteorological** Satellite Program
use DMSP satellites
Synchronous **Meteorological** Satellite
meteorological satellites
meteorological services
meteorological solenoids
meteorological stations
use weather stations
meteorology
Alpine **meteorology**
aviation **meteorology**
ceilings **(meteorology)**
clouds **(meteorology)**
frontal areas **(meteorology)**
fronts **(meteorology)**
jet streams **(meteorology)**
long waves **(meteorology)**
marine **meteorology**
microbursts **(meteorology)**
nuclear **meteorology**
planetary **meteorology**
polar **meteorology**
precipitation **(meteorology)**
radio **meteorology**
storms **(meteorology)**
synoptic **meteorology**
teleconnections **(meteorology)**
tropical **meteorology**
wind **(meteorology)**
WWW **(meteorology)**
zonal flow **(meteorology)**
meteors
use meteoroids
radio **meteors**
METEOSAT satellite
meters
use measuring instruments
conductivity **meters**
electrical conductivity **meters**
field intensity **meters**
gas **meters**
gravity **meters**
use gravimeters
hot-wire turbulence **meters**
use hot-wire flowmeters
turbulence meters
light scattering **meters**
moisture **meters**
noise **meters**
radiation **meters**
use radiation measuring instruments
rate **meters**
use measuring instruments
turbulence **meters**
vibration **meters**
polymethyl **methacrylate**
methacrylate resins
use acrylic resins
methamphetamine
methanation
methane
synthetic **methane**
use synthane
methanol
use methyl alcohol
methenyl
use methylidyne
methionine
Biot **method**
boundary element **method**
boundary integral **method**
Bridgman **method**
characteristic **method**
use method of characteristics
cluster variation **method**
conjugate gradient **method**
Cowell **method**
use numerical integration
Crank-Nicholson **method**

critical path **method**
Crocco **method**
Czochralski **method**
Debye-Scherrer **method**
Encke **method**
finite element **method**
finite volume **method**
Fujita **method**
Galerkin **method**
Glimm **method**
Halphen **method**
Hartree-Fock-Slater **method**
Hill **method**
Jacobi matrix **method**
Kjeldahl **method**
Latin square **method**
Laue **method**
least squares **method**
Lighthill **method**
maximum entropy **method**
Maxwell-Mohr **method**
Milne **method**
Milne-Thomson **method**
minimum entropy **method**
Monte Carlo **method**
Newton-Raphson **method**
Percus **method**
Pohlhausen **method**
Rayleigh-Ritz **method**
Ritz averaging **method**
ruler **method**
Runge-Kutta **method**
Schmidt **method**
Schwartz **method**
simplex **method**
steepest ascent **method**
use steepest descent method
steepest descent **method**
traveling solvent **method**
Van Slyke **method**
variation **method**
use calculus of variations
VIC **method**
use vortex in cell technique
von Zeipel **method**
vortex lattice **method**
Wentzel-Kramer-Brillouin **method**
panel **method** (fluid dynamics)
Delphi **method** (forecasting)
pattern **method** (forecasting)
probe **method** (forecasting)
profile **method** (forecasting)
point matching **method** (mathematics)
use boundary value problems
relaxation **method** (mathematics)
method of characteristics
method of moments
wing flow **method** tests
methodology
methods
use methodology
procedures
ADI **methods**
use alternating direction implicit methods
alternating direction implicit **methods**
approximation **methods**
use approximation
asymptotic **methods**

computer **methods**
use computer programs
energy **methods**
equilibrium **methods**
heuristic **methods**
management **methods**
matrix **methods**
multigrid **methods**
Newton **methods**
optical **methods**
use optics
predictor-corrector **methods**
production **methods**
use production engineering
renormalization group **methods**
spectral **methods**
strain energy **methods**
methoxy systems
methyl alcohol
methyl chloride
methyl chlorosilanes
methyl compounds
methyl cyanide
use acetonitrile
methyl nitrate
methyl polysiloxanes
methylation
methylene
methylene blue
methylene diamine
methylhydrazine
methylidyne
CH **(methylidyne)**
Metis
Schwarzschild **metric**
space-time **metric**
use space-time functions
metric conversion
use metrication
metric photography
metric space
metric system
use International System of Units
metrication
metrology
Metropolitan aircraft
use CV-440 aircraft
metropolitan areas
use cities
Mexican space program
Mexico
Gulf of **Mexico**
Gulf of California **(Mexico)**
Lower California **(Mexico)**
New **Mexico**
Prandtl-**Meyer** expansion
MGCO
use Mars Observer
MH-262 aircraft
Max Holste **MH-262** aircraft
Pontiac **(MI)**
Saginaw Bay **(MI)**
mica
micarta
mice
pocket **mice**
Michael reaction
Michaelis theory
Michell theorem

Michelson interferometers
Michigan
Lake **Michigan**
microanalysis
microbalances
microballoons
microbe
use microorganisms
microbeams
microbiology
microbursts (meteorology)
microcalorimeters
use calorimeters
multi-anode **microchannel** arrays
microchannel plates
microchannels
microcircuits
use microelectronics
encapsulated **microcircuits**
microclimatology
microcomputers
microcracks
microcrystals
Microcystis
microdensitometers
microelectronics
microfibers
microfilms
micrography
use photomicrography
microgravity
microgravity applications
microhardness
microindentation
use microhardness
microinstrumentation
micromachining
laser **micromachining**
use laser machining
micromanometers
use manometers
micromechanics
micrometeorites
Micrometeoroid Explorer satellites
micrometeoroids
micrometeorology
micrometeors
use micrometeoroids
micrometers
micromillimeters
microminiaturization
microminiaturized electronic devices
micromodules
micromotors
microorganisms
microparticles
microphones
microphotographs
microphotometers
use photometers
microplasmas
micropolar fluids
microporosity
Intel 8080 **microprocessor**
microprocessors
microprogramming
micropulsations
geomagnetic **micropulsations**

microrocket engines
microscales
use microbalances
scanning laser acoustic **microscope** (SLAM)
use acoustic microscopes
microscopes
acoustic **microscopes**
electron **microscopes**
ion **microscopes**
optical **microscopes**
microscopy
AFM (**microscopy**)
atomic force **microscopy**
electron **microscopy**
laser **microscopy**
photoacoustic **microscopy**
scanning electron **microscopy**
scanning tunneling **microscopy**
STM (**microscopy**)
video (**microscopy**)
TEM (**microscopy**)
transmission electron **microscopy**
ultraviolet **microscopy**
microseisms
microsomes
microspheres
microstrip antennas
microstrip devices
microstrip transmission lines
microstructure
meteoritic **microstructures**
microthrust
microtomy
microtrons
microvision landing aid
power transmission (**microwave**)
microwave absorption
microwave amplifiers
microwave antennas
microwave attenuation
microwave circuits
microwave coupling
microwave emission
microwave equipment
microwave filters
microwave frequencies
microwave holography
microwave imagery
microwave interferometers
microwave landing systems
microwave oscillators
microwave photography
microwave plasma probes
microwave power beaming
microwave probes
microwave radiation
use microwaves
microwave radiometers
microwave reflectometers
microwave resonance
microwave scanning beam landing system
microwave scattering
microwave sensors
microwave signatures
microwave sounding
Advanced **Microwave** Sounding Unit
microwave spectra

interstellar **microwave** spectra
use interstellar radiation
microwave spectra
microwave spectrometers
microwave switching
microwave transmission
microwave tubes
microwaves
microweighing
use weight measurement
microyield strength
micturition
use urination
mid-ocean ridges
mid-oceanic ridges
midair collisions
midaltitude
Midas 2 satellite
Midas 3 satellite
Midas 4 satellite
Midas 5 satellite
Midas 6 satellite
Midas 7 satellite
Midas satellites
midcourse guidance
midcourse trajectories
middle atmosphere
middle ear
middle ear pressure
Middle East
midlatitude atmosphere
midlatitudes
use temperate regions
Mie scattering
Mie theory
use Mie scattering
MIG aircraft
migration
Mil aircraft
Milankovitch theory
use climatology
military air facilities
military aircraft
Fairchild **military** aircraft
use Fairchild-Hiller aircraft
Gyrodyne **military** aircraft
use QH-50 helicopter
Helio **military** aircraft
use Helio aircraft
military aviation
military compact reactors
military helicopters
Vertol **military** helicopters
use Boeing aircraft
military operations
military psychiatry
use military psychology
military psychology
military spacecraft
military technology
military vehicles
milk
Milky Way Galaxy
millet
millimeter waves
milling
chemical **milling**
use chemical machining
milling machines
milling (machining)
milling (mixing)
use compounding
millivoltmeters
grinding **mills**
Yang- **Mills** fields
Mills ratio
Yang- **Mills** theory
Milne method
Milne-Thomson method
MIM diodes
MIM (semiconductors)
Mimas
MIMD (computers)
MIMO (control systems)
mine detectors
Miner rule
use Palmgren-Miner rule
Palmgren- **Miner** rule
dolomite **(mineral)**
bone **mineral** content
mineral deposits
mineral exploration
mineral metabolism
mineral oils
mineralogy
minerals
mines
mines (excavations)
mines (ordnance)
miniature electronic equipment
miniaturization
minicomputers
minima
minimal surfaces
minimax technique
minimization
use optimization
minimum drag
minimum entropy method
minimum variance orbit determination
mining
lunar **mining**
strip **mining**
minitrack optical tracking system
use minitrack system
minitrack system
MINIVAR orbit determination
use minimum variance orbit determination
Minkowski space
Minnesota
minor circle turning flight
Minor Planet 1221
use Amor asteroid
Minor Planet 2060
use Chiron
minor planets
use asteroids
minorities
minority carriers
MINOS computer
heart **minute** volume
Minuteman ICBM
Minuteman missiles
use Minuteman ICBM
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Mir space station

Mira Ceti star
use Omicron Ceti star
Mira variables
Mirage 3 aircraft
Dassault **Mirage** 3 aircraft
use Mirage 3 aircraft
Mirage aircraft
Miranda
Miranda satellite
Miros system
mirror fusion
mirror point
mirrors
Bragg **mirrors**
use Bragg reflectors
honeycomb **mirrors**
magnetic **mirrors**
paraboloid **mirrors**
rotating **mirrors**
segmented **mirrors**
tandem **mirrors**
MIS (semiconductors)
misalignment
miscibility
use solubility
miscibility gap
von **Mises** theory
use stress functions
MISFETs
use field effect transistors
mismatch (electrical)
misorientation
use misalignment
miss distance
Antelope **missile**
Blue Goose **missile**
Blue Steel **missile**
Blue Streak **missile**
BOMARC A **missile**
BOMARC B **missile**
Chaparral **missile**
Condor **missile**
Corporal **missile**
Corvus **missile**
Falcon **missile**
Harpoon **missile**
Hawk **missile**
Hound Dog **missile**
Jupiter **missile**
Lance **missile**
Matra **missile**
Mauler **missile**
MX **missile**
Navaho **missile**
Nike-Ajax **missile**
Nike-Hercules **missile**
Nike-Zeus **missile**
Osprey **missile**
Patriot **missile**
Peacekeeper **missile**
use MX missile
Pershing **missile**
Polaris A1 **missile**
Polaris A2 **missile**
Polaris A3 **missile**
quail **missile**
Redeye **missile**
Regulus **missile**
Sandpiper target **missile**
Shrike **missile**
Skybolt **missile**
SM-65 **missile**
use Atlas launch vehicles
SM-68 **missile**
use Titan 1 ICBM
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Sparrow 2 **missile**
Sparrow 3 **missile**
Spartan **missile**
Sprint **missile**
SS-11 **missile**
Subroc **missile**
supersonic low altitude **missile**
Talos **missile**
tartar **missile**
terrier **missile**
V-1 **missile**
V-2 **missile**
Zeus **missile**
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use missile structures
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Ballistic **Missile** Early Warning System
missile engine cases
use rocket engine cases
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use missile control
missile launchers
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Satellite and **Missile** Observation System
use Samos
missile ranges
missile signatures
missile silos
missile simulators
missile stabilization
use missile control stabilization
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silos (**missile** storage)
missile structures
ballistic **missile** submarines
guided **missile** submarines
missile systems
missile tests
missile tracking
missile trajectories
missile vibration
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air slew **missiles**
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air to surface **missiles**
antiaircraft **missiles**
antimissile **missiles**
antiradiation **missiles**
antiship **missiles**

antitank **missiles**
ballistic **missiles**
BOMARC **missiles**
Bullpup **missiles**
cruise **missiles**
electromagnetic **missiles**
FBM **(missiles)**
field army ballistic **missiles**
fleet ballistic **missiles**
ground-to-air **missiles**
use surface to air missiles
ICBM **(missiles)**
intercontinental ballistic **missiles**
intermediate range ballistic **missiles**
IRBM **(missiles)**
Mace **missiles**
Maverick **missiles**
Minuteman **missiles**
use Minuteman ICBM
Nike **missiles**
polaris **missiles**
Poseidon **missiles**
radar homing **missiles**
ramjet **missiles**
self initiated antiaircraft **missiles**
use SIAM missiles
sergeant **missiles**
Shillelagh **missiles**
short range ballistic **missiles**
SIAM **missiles**
Sidewinder **missiles**
Sparrow **missiles**
surface to air **missiles**
surface to surface **missiles**
Tomahawk **missiles**
tow **missiles**
underwater to surface **missiles**
missing mass (astrophysics)
AAP 1 **mission**
AAP 2 **mission**
AAP 3 **mission**
AAP 4 **mission**
Cassini **mission**
Cluster **Mission**
Comet Rendezvous Asteroid Flyby **Mission**
CRAF **mission**
use Comet Rendezvous Asteroid Flyby Mission
Galileo **mission**
use Galileo project
Geopotential Research **Mission**
Giotto **mission**
Heat Capacity Mapping **Mission**
International Solar Polar **Mission**
use Ulysses mission
MA-2 **mission**
use Mercury MA-2 flight
Mars Rover Sample Return **Mission**
use Mars sample return missions
Near Earth Asteroid Rendezvous **Mission**
ROSAT **mission**
Rosetta **mission**
SOHO **Mission**
Solar Maximum **Mission**
Starprobe **mission**
Ulysses **mission**
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mission adaptive wings
integrated **mission** control center
Magellan **Mission** (ESA)
use Magellan ultraviolet astronomy satellite
mission planning
Shuttle **Mission** Simulator
Mission to Planet Earth
missions
aborted **missions**
asteroid **missions**
flyby **missions**
Landsat follow-on **missions**
manned Mars **missions**
Mars sample return **missions**
outer planet **missions**
use Grand Tours
space **missions**
Space Shuttle **missions**
Astro **missions** (STS)
Mississippi
Mississippi Delta (LA)
Mississippi River (US)
Missouri
Missouri River Basin (US)
Missouri River (US)
mist
mistuning (turbomachinery)
mitochondria
mitosis
mitre
MIUS
use Modular Integrated Utility System
mixed crystals
mixed flow
use multiphase flow
mixed oxides
automated **mixed** traffic vehicles
mixers
mixing
four-wave **mixing**
laminar **mixing**
milling **(mixing)**
signal **mixing**
suspending **(mixing)**

turbulent **mixing**
mixing circuits
mixing depth
use mixing height
jet **mixing** flow
mixing height
mixing layers (fluids)
mixing length flow theory
mixing ratios
mixtures
binary **mixtures**
detonable gas **mixtures**
gas **mixtures**
liquid-gas **mixtures**
J93- **MJ252H** engine
J93- **MJ280G** engine
Argosy **MK-1** aircraft
Short Belfast C **MK-1** aircraft
Victor **MK-1** aircraft
Westland **MK-10** helicopter
Whirlwind **MK-10** helicopter
Vampire **MK** 35 aircraft
ML-1 nuclear power plant
MLA
use multispectral linear arrays
MMS
use multimission modular spacecraft
mnemonics
MNOS
use metal-nitride-oxide-silicon
St Louis-Kansas City Corridor **(MO)**
mobile communication systems
lunar **mobile** laboratories
mobile lounges
mobile missile launchers
mobile quarantine facility
land **mobile** satellite service
atomic **mobilities**
mobility
carrier **mobility**
electron **mobility**
hole **mobility**
ionic **mobility**
negative diff **mobility** semiconductors
use NDM semiconductor devices
ion **mobility** spectroscopy
high electron **mobility** transistors
extravehicular **mobility** units
MOCVD (vapor deposition)
use metalorganic chemical vapor deposition
modal response
Modcomp II computer
Modcomp IV computer
mode
asynchronous transfer **mode**
vibration **mode**
mode coupling
use coupled modes
laser **mode** locking
mode of vibration
use vibration mode
dual **mode** propulsion
use hybrid propulsion
mode shapes
use modal response
mode (statistics)
field **mode** theory
mode transformers

Baldwin-Lomax turbulence **model**
BGK **model**
Bhatnagar-Grass-Krook **model**
use BGK model
density wave **model**
electroweak **model**
Ising **model**
kappa-epsilon turbulence **model**
use k-epsilon turbulence model
kappa-omega turbulence **model**
use k-omega turbulence model
k-epsilon turbulence **model**
k-omega turbulence **model**
Lighthill gas **model**
quark parton **model**
standard electroweak **model**
use electroweak model
Thomas-Fermi **model**
vector dominance **model**
Veneziano **model**
Weinberg-Salam Gauge **Model**
use electroweak model
Lockheed **model** 18 aircraft
standard **model** (particle physics)
model reference adaptive control
continuum **modeling**
models
aircraft **models**
astronomical **models**
atmospheric **models**
Atmospheric General Circulation **Models**
biological **models**
use bionics
breadboard **models**
climate **models**
dynamic **models**
environment **models**
hydrology **models**
mathematical **models**
nuclear **models**
ocean **models**
powered **models**
quark **models**
scale **models**
semispan **models**
spacecraft **models**
static **models**
stellar **models**
three dimensional **models**
turbulence **models**
two dimensional **models**
two fluid **models**
wind tunnel **models**
biological **models** (mathematics)
modems
organic **moderated** reactors
water **moderated** reactors
moderation (energy absorption)
moderators
modes
axial **modes**
ballooning **modes**
coupled **modes**
failure **modes**
laser **modes**
propagation **modes**
pushbroom sensor **modes**
uncoupled **modes**
whispering gallery **modes**

tearing **modes** (plasmas)
modes (standing waves)
MODFETS
modification
use revisions
weather **modification**
Modular Integrated Utility System
modular ratios
multimission **modular** spacecraft
modularity
modulated continuous radiation
modulating retrodirective optics
use Miros system
modulation
AM **(modulation)**
amplitude **modulation**
carrier **modulation**
use modulation
delta **modulation**
differential pulse code **modulation**
DPCM **(modulation)**
FBFM **(modulation)**
feedback frequency **modulation**
FM **(modulation)**
FM/PM **(modulation)**
frequency **modulation**
ionospheric cross **modulation**
light **modulation**
optical **modulation**
use light modulation
optical maser **modulation**
use light modulation
PAM **(modulation)**
PCM **(modulation)**
PDM **(modulation)**
PFM **(modulation)**
phase **modulation**
polarization **modulation**
PPM **(modulation)**
PTM **(modulation)**
pulse **modulation**
pulse amplitude **modulation**
pulse code **modulation**
pulse duration **modulation**
pulse frequency **modulation**
pulse position **modulation**
pulse time **modulation**
pulse width **modulation**
use pulse duration modulation
PWM **(modulation)**
QAM **(modulation)**
quadrature amplitude **modulation**
single sideband **modulation**
use single sideband transmission
traveling wave **modulation**
ULM (light **modulation)**
ultrasonic light **modulation**
velocity **modulation**
modulation doped fets
use MODFETS
modulation doping
frequency **modulation** photomultipliers
pulse frequency **modulation** telemetry
modulation transfer function
pressure **modulator** radiometers
modulators
light **modulators**
modulators-demodulators
Apollo lunar experiment **module**

LEM (lunar **module)**
local scientific survey **module**
Lunar **Module**
Mars Excursion **Module**
MEM (excursion **module)**
payload assist **module**
Priroda **module**
Lunar **Module** 5
Lunar **Module** 7
Lunar **Module** Ascent Stage
modules
airlock **modules**
chemical release **modules**
command **modules**
command service **modules**
electronic **modules**
Kvant **modules**
landing **modules**
lunar landing **modules**
Lunar Surface Scientific **Modules**
use LSSM
scientific instrument **modules**
use SIM
service **modules**
spacecraft **modules**
spacecraft docking **modules**
power **modules** (STS)
bulk **modulus**
elastic **modulus**
use modulus of elasticity
Young **modulus**
use modulus of elasticity
modulus of elasticity
dynamic **modulus** of elasticity
Mohawk aircraft
use OV-1 aircraft
Mohr circles
use fracture mechanics
Maxwell- **Mohr** method
Moire effects
Moire fringes
Moire interferometry
moisture
atmospheric **moisture**
soil **moisture**
moisture content
moisture detectors
use moisture meters
moisture meters
moisture resistance
Mojave Desert (CA)
MOL (orbital laboratories)
use manned orbital laboratories
MOLABS
use lunar mobile laboratories
mold
moldavite
injection **molding**
resin transfer **molding**
sheet **molding** compounds
molding materials
Moldova
molds
vibrational frequencies **(molecular)**
molecular absorption
molecular beam epitaxy
molecular beams
molecular biology

molecular bonds
use chemical bonds
molecular chains
molecular clouds
molecular clusters
molecular collisions
molecular diffusion
molecular dissociation
use dissociation
molecular dynamics
molecular electronics
molecular energy levels
molecular excitation
molecular flow
free **molecular** flow
molecular gases
molecular interactions
molecular ions
molecular orbitals
molecular oscillations
molecular oscillators
molecular physics
molecular pumps
molecular relaxation
molecular rotation
molecular shields
molecular sieves
use absorbents
molecular spectra
molecular spectroscopy
molecular structure
molecular theory
molecular trajectories
molecular weight
low **molecular** weights
molecules
diatomic **molecules**
monatomic **molecules**
polyatomic **molecules**
triatomic **molecules**
moles
Moliere formula
use cosmic ray showers
secondary cosmic rays
spatial distribution
Mollier diagram
mollusks
Molniya satellites
molten carbonate fuel cells
Los Alamos **Molten** Plutonium Reactor
molten salt electrolytes
molten salt nuclear reactors
molten salts
molting
molybdates
lead **molybdates**
molybdenum
molybdenum alloys
molybdenum carbides
molybdenum compounds
molybdenum disulfides
molybdenum isotopes
molybdenum oxides
molybdenum sulfides
MOM (semiconductors)
moment distribution
control **moment** gyroscopes
moments

aerodynamic **moments**
use stability derivatives
bending **moments**
dipole **moments**
distribution **moments**
electric **moments**
hinge **moments**
use torque
inertia **moments**
use moments of inertia
loading **moments**
magnetic **moments**
method of **moments**
pitching **moments**
rolling **moments**
statistical **moments**
use distribution moments
yawing **moments**
moments of inertia
momentum
angular **momentum**
momentum energy
use kinetic energy
momentum theory
momentum transfer
Monaco
monatomic gases
monatomic molecules
monaural signals
monazite sands
Monel (trademark)
Monge-Ampere equation
Mongolia
data adaptive evaluator/ **monitor**
environmental **monitoring**
in-flight **monitoring**
pollution **monitoring**
systems health **monitoring**
engine **monitoring** instruments
Interplanetary **Monitoring** Platform
use IMP
monitors
monkeys
monochromatic radiation
monochromatization
interference **monochromatization**
use diffraction
monochromatization
monochromators
monocoque structures
monocrystals
use single crystals
monocular vision
monoethanolamine (MEA)
monoids
monolithic circuits
use integrated circuits
monomers
monomolecular films
cyclic adenosine **monophosphate**
use cyclic AMP
monoplanes
monopole antennas
monopoles
magnetic **monopoles**
monopropellants
monopulse antennas
monopulse radar
monosaccharides

monoscopes
monostable multivibrators
monotectic alloys
monotone functions
monotony
carbon **monoxide**
carbon **monoxide** lasers
carbon **monoxide** poisoning
monsoons
Montana
Monte Carlo method
Monterey Bay (CA)
month
monticellite
montmorillonite
moods
moon
moon–Earth trajectories
moon illusion
Earth- **Moon** system
Earth- **Moon** trajectories
moonlets
moonquakes
moons
use natural satellites
NEW **MOONS** project
mooring
moorings
use mooring
MOPS (propulsion systems)
use man operated propulsion systems
moraines
use glacial drift
end **moraines**
use glacial drift
morale
Morehouse comet
MORL
use manned orbital laboratories
morning
Morocco
morphine
morphological indexes
morphology
lung **morphology**
morphotropism
use isomorphism
Morse code
Morse potential
mortality
mortars (material)
MOS (Japanese spacecraft)
use Japanese spacecraft
MOS (semiconductors)
use metal oxide semiconductors
mosaics
Moscow
MOSFET
use field effect transistors
cascode **MOSFET**
use field effect transistors
MOSS (space stations)
use space stations
Mossbauer effect
mosses
use Bryophytes

MOT (orbital telescopes)
use manned orbital telescopes
moths
motility
use locomotion
motion
angular **motion**
use angular velocity
brakes (for arresting **motion)**
Chandler **motion**
use polar wandering (geology)
coning **motion**
Earth **motion**
equations of **motion**
Euler equations of **motion**
guidance **(motion)**
harmonic **motion**
ion **motion**
Lagrange equations of **motion**
use Euler–Lagrange equation
librational **motion**
orbital **motion**
use orbits
particle **motion**
planetary **motion**
use solar orbits
revolution **(motion)**
robot **motion**
use robot dynamics
simple harmonic **motion**
spacecraft **motion**
three dimensional **motion**
translational **motion**
tumbling **motion**
vertical **motion**
wave **motion**
use waves
motion aftereffects
image **motion** compensation
motion equations
use equations of motion
forced vibratory **motion** equations
use equations
forced vibration
motion perception
motion pictures
motion sickness
motion sickness drugs
motion simulation
motion simulators
vertical **motion** simulators
motion stability
stellar **motions**
motivation
rocket **motor** cases
use rocket engine cases
Advanced Solid Rocket **Motor** (STS)
motor systems (biology)
use efferent nervous systems
motor vehicles
electric **motor** vehicles
motors
apogee boost **motors**
apogee kick **motors**
use apogee boost motors
asynchronous **motors**
electric **motors**
induction **motors**

Space Shuttle Solid Rocket	**Motors**
	use Space Shuttle Boosters
stepping	**motors**
synchronous	**motors**
torque	**motors**
	MOTS (tracking system)
	use minitrack system
Apollo telescope	**mount**
	mountain inhabitants
	mountains
Wrangell	**Mountains** (AK)
Sierra Nevada	**Mountains** (CA)
San Juan	**Mountains** (CO)
Alps	**Mountains** (Europe)
Carpathian	**Mountains** (Europe)
Pyrenees	**Mountains** (Europe)
Bighorn	**Mountains** (MT-WY)
Great Smoky	**Mountains** (NC-TN)
Appalachian	**Mountains** (North America)
Rocky	**Mountains** (North America)
Adirondack	**Mountains** (NY)
Andes	**Mountains** (South America)
Caucasus	**Mountains** (U.S.S.R.)
helmet	**mounted** displays
	mounting
fuselage	**mounting**
	use aircraft production
pylon	**mounting**
rigid	**mounting**
tail	**mountings**
	use tail assemblies
	mounts
	use supports
	mouth
	movement
	use motion
head	**movement**
tectonic	**movement**
	use tectonics
rapid eye	**movement** state
airfield surface	**movements**
Brownian	**movements**
Earth	**movements**
eye	**movements**
Saccadic eye	**movements**
autoregressive	**moving** average
	moving target indicators
	Mozambique
	MPP (computers)
	use massively parallel processors
Mercury	**MR-1** flight
Mercury	**MR-2** flight
	MR-3 flight
Mercury	**MR-3** flight
Mercury	**MR-4** flight
	MRAC (systems)
	use model reference adaptive control
	MRCA aircraft
	Mrkos comet
	MSAT
	MSBLS
	use microwave scanning beam landing system
	MSM (semiconductors)
	MSRE reactors
	use molten salt nuclear reactors
Bighorn Mountains	**(MT** -WY)
Yellowstone National Park (ID-	**MT**-WY)
	MTBF
	MTF
	use modulation transfer function
	MTFF (space station)
	use man tended free flyers
	MTI radar
	use moving target indicators
	MTPE
	use Mission to Planet Earth
	MUBIS (scanners)
	use multiple beam interval scanners
	mucoceles
	mucus
	mud
Geiger-	**Mueller** tubes
	mufflers
	mulberry (alloy)
	mullites
	multi-anode microchannel arrays
	multi-role combat aircraft
	multibeam antennas
	multiblock grids
	multichannel communication
	multichannel plates
	use microchannel plates
	multicharged ions
	use ions
	multidisciplinary design optimization
	multidisciplinary research
	multiengine vehicles
	multigrid methods
	multilayer insulation
	multilayer structures
	use laminates
	multiloop systems
	use cascade control
	multimedia
interactive	**multimedia**
	use multimedia
	multimission modular spacecraft
	multimode resonators
	multipactor discharges
	multipath transmission
	multiphase flow
	multiphoton absorption
	multiple access
code division	**multiple** access
demand assignment	**multiple** access
frequency division	**multiple** access
time division	**multiple** access
	multiple beam interval scanners
	multiple blocked grids
	use multiblock grids
single instruction	**multiple** datastream
	use SIMD (computers)
	multiple docking adapters
	multiple frequency radar
	use multispectral radar
	multiple input multiple output
	use MIMO (control systems)
	multiple instruction multiple data stream
	use MIMD (computers)
	multiple output programs
	multiple target tracking
	multiple target trajectory systems
	use MATTS (systems)
	multiplets
	use fine structure

multiplex transmission
use multiplexing
multiplexers
use multiplexing
multiplexing
code division **multiplexing**
frequency division **multiplexing**
time division **multiplexing**
wavelength division **multiplexing**
orthogonal **multiplexing** theory
multiplication
fringe **multiplication**
multiplier phototubes
use photomultiplier tubes
multipliers
channel **multipliers**
electron **multipliers**
use photomultiplier tubes
frequency **multipliers**
Lagrange **multipliers**
multipolar fields
multipoles
Pioneer Venus 2 **Multiprobe** spacecraft
use Pioneer Venus 2 spacecraft
multiprocessing (computers)
hypercube **multiprocessors**
multiprogramming
multipropellants
use rocket propellants
Light Airborne **Multipurpose** System
multiradar tracking
use radar networks
multisensor applications
multisensor fusion
multispectral band cameras
multispectral band scanners
multispectral linear arrays
multispectral photography
multispectral radar
Multispectral Resource Sampler
multispectral tracking telescopes
multistage compressors
use turbocompressors
multistage rocket vehicles
multistatic radar
multitasking (computers)
use multiprogramming
multitemporal analysis
use temporal resolution
multivariable control
multivariate statistical analysis
multivibrators
monostable **multivibrators**
muon spin rotation
muonium
muons
Murchison meteorite
Murray meteorite
muscle relaxants
muscles
muscovite
muscular fatigue
muscular function
muscular strength
muscular tonus
musculoskeletal system
museums
mushy zones
music

muskegs
Mustang aircraft
use P-51 aircraft
mutagens
mutations
MX missile
myelin
Mylar (trademark)
myocardial infarction
myocardium
myoelectric potentials
myoelectricity
myoglobin
myopia
Mystere 20 aircraft
Dassault **Mystere** 20 aircraft
use Mystere 20 aircraft
Mystere 50 aircraft
Dassault **Mystere** 50 aircraft
use Mystere 50 aircraft

N

N-156 aircraft
N-body problem
S- **N** diagrams
p-i- **n** diodes
N electrons
n- **n** junctions
n-p- **n** junctions
p- **n** junctions
p-i- **n** junctions
n-p junctions
p- **n**-p junctions
p- **n**-p-n junctions
TIROS **N** series satellites
n-type semiconductors
SR- **N2** ground effect machine
Westland SR- **N2** ground effect machine
Westland SR- **N2** hovercraft
SR- **N3** ground effect machine
Westland SR- **N3** ground effect machine
Westland SR- **N3** hovercraft
SR- **N5** ground effect machine
Westland SR- **N5** ground effect machine
NA-300 aircraft
wing **nacelle** configurations
nacelles
Naiad
naked singularities
nakhlites
NAMC aircraft
use Nihon aircraft
Namibia
naming
nanocrystalline materials
use nanocrystals
nanocrystalline structure
use nanostructure (characteristics)
nanocrystals
nanostructure (characteristics)
nanostructures (devices)
nap-of-the-earth navigation
naphthalene
naphthenes
nappes
use folds (geology)
narcolepsy

narcosis
narcotics
narrowband
Magellan project **(NASA)**
Magellan spacecraft **(NASA)**
Space Operations Center **(NASA)**
NASA Communication Network
use NASCOM network
NASA End-to-End Data System
use needs (data system)
NASA Interactive Planning System
NASA programs
NASA space programs
NASA Structural Analysis program
use NASTRAN
NASCOM network
NASTRAN
National Aerospace Plane Program
National Airspace System
National Airspace Utilization System
National Aviation System
National Launch Vehicle Program
National Oceanic Satellite System
National Operational Environmental Sat Sys
use NOESS
Yellowstone **National** Park (ID-MT-WY)
national parks
gross **national** product
National Severe Storms Project
nations
developing **nations**
United **Nations**
North Atlantic Treaty Organization **(NATO)**
NATO 3B satellite
natural convection
use free convection
natural frequencies
use resonant frequencies
natural gas
natural gas exploration
liquefied **natural** gas
natural language (computers)
natural language processing
natural lasers
use lasers
natural satellites
nausea
nautical charts
Navaho missile
Navier-Stokes equation
navigation
air **navigation**
all-weather air **navigation**
area **navigation**
autonomous **navigation**
celestial **navigation**
Decca **navigation**
digital **navigation**
Doppler **navigation**
gimballess inertial **navigation**
hyperbolic **navigation**
inertial **navigation**
interplanetary **navigation**
long range **navigation**
use loran
marine **navigation**
use surface navigation
nap-of-the-earth **navigation**
NOE **navigation**
use nap-of-the-earth navigation
omnirange **navigation**
use VHF omnirange navigation
polar **navigation**
radar **navigation**
radio **navigation**
short range **navigation**
use Shoran
space **navigation**
surface **navigation**
tactical air **navigation**
use Tacan
VHF omnirange **navigation**
navigation aids
navigation instruments
Global Orbiting **Navigation** Satellite Sys
use GLONASS
navigation satellites
Astroguide **Navigation** System
LORAC **navigation** system
Omega **Navigation** System
Terrain Contour Matching **Navigation** System
use TERCOM
Transit **navigation** system
hybrid **navigation** systems
satellite **navigation** systems
navigation technology satellites
navigators
Navion aircraft
Navion G-1 aircraft
use G-1 aircraft
Navion Rangemaster aircraft
use G-1 aircraft
NAVSTAR satellites
navy
Global Communications Antenna Grid **(navy)**
underground radio antenna grid **(navy)**
Army-**Navy** instrumentation program
Cape Hatteras **(NC)**
Outer Banks **(NC)**
NC-130 aircraft
Sand Hills Region (GA-**NC**-SC)
Great Smoky Mountains **(NC**-TN)
NDM semiconductor devices
Sand Hills Region **(NE)**
Near Earth Asteroid Rendezvous Mission
near fields
near infrared radiation
near ultraviolet radiation
near wakes
nearshore water
Nebraska
Crab **nebula**
Gum **nebula**
Orion **nebula**
solar **nebula**
use solar corona
nebulae
planetary **nebulae**
reflection **nebulae**
neck (anatomy)
needle bearings
needles
needs (data system)
neel temperature
negative conductance

negative diff mobility semiconductors
use NDM semiconductor devices
negative electron affinity
negative feedback
negative ions
negative matter
negative matter propulsion
lower body **negative** pressure
negative resistance circuits
negative resistance devices
negatrons
contract **negotiation**
Origin of Plasmas in Earth **Neighborhood**
use OPEN Project
solar **neighborhood**
Nembutal (trademark)
Nemesis (star)
neodymium
neodymium alloys
neodymium compounds
neodymium isotopes
neodymium lasers
neon
liquid **neon**
neon 19
use neon isotopes
neon isotopes
helium- **neon** lasers
neopentane
neoplasms
neoprenes
use chloroprene resins
Nepal
nephanalysis
nepheline
nephelite
nephelometers
nephritis
Neptune atmosphere
Neptune (planet)
Neptune satellites
neptunium
neptunium compounds
neptunium isotopes
Nereid
Nernst–Ettingshausen effect
Nernst generators
use thermomagnetic cooling
Nernst heat theorem
use Nernst-Ettingshausen effect
NERVA (engine)
use nuclear engine for rocket vehicles
nerves
oculomotor **nerves**
nervous system
autonomic **nervous** system
central **nervous** system
central **nervous** system depressants
peripheral **nervous** system
central **nervous** system stimulants
sympathetic **nervous** system
vasomotor **nervous** system
use nervous system
afferent **nervous** systems
efferent **nervous** systems
Netherlands
Astronomical **Netherlands** Satellite
Netherlands space program

nets
flow **nets**
neural **nets**
Petri **nets**
netting (materials/structures)
ARPA computer **network**
Deep Space **Network**
DSN (space **network**)
Global Tracking **Network**
GLOTRAC (tracking **network**)
manned space flight **network**
NASA Communication **Network**
use NASCOM network
NASCOM **network**
Orion (radio interferometry **network**)
Satellite Tracking and Data Acq **Network**
use STDN (network)
Space Flight Tracking and Data **Network**
Spacecraft Tracking and Data **Network**
use STDN (network)
STADAN (satellite tracking **network**)
STDN **(network)**
VSAT **(network)**
network analysis
network control
network synthesis
networks
Bayesian belief **networks**
use belief networks
belief **networks**
communication **networks**
computer **networks**
electric **networks**
iterative **networks**
Kirchhoff law of **networks**
LAN (computer **networks**)
local area **networks**
logic **networks**
use logic circuits
quadrupole **networks**
radar **networks**
RC **networks**
use RC circuits
RLC **networks**
use RLC circuits
satellite **networks**
tracking **networks**
transportation **networks**
wide area **networks**
Neumann problem
neural nets
neurasthenia
neuristors
neuritis
neuroblasts
neuroglia
neurology
neuromuscular transmission
neuron transmission
use bioelectricity
neurons
neurophysiology
neuropsychia[illegible]
neuroscience
use neurology
neuroses
neurospora
neurotic depression
neurotransmitters

neurotropism
neutral atmospheres
neutral atoms
neutral beams
neutral buoyancy simulation
neutral currents
neutral gases
neutral particles
neutral sheets
beam **neutralization**
neutralizers
neutrino beams
neutrinos
solar **neutrinos**
neutron absorbers
neutron activation analysis
neutron beams
neutron counters
neutron cross sections
neutron decay
neutron detectors
use neutron counters
neutron diffraction
neutron distribution
neutron emission
neutron flux
use flux (rate)
neutron flux density
neutron irradiation
neutron physics
neutron radiography
neutron scattering
neutron sources
neutron spectra
neutron spectrometers
neutron stars
neutron thermalization
neutron transmutation
use nuclear reactions
neutrons
cold **neutrons**
fast **neutrons**
slow **neutrons**
use thermal neutrons
solar **neutrons**
thermal **neutrons**
Nevada
Sierra **Nevada** Mountains (CA)
New Brunswick
New England (US)
New Guinea (island)
Papua **New** Guinea
New Hampshire
New Haven (CT)
New Jersey
New Mexico
NEW MOONS project
New York
New York City (NY)
New Zealand
New Zealand space program
Newfoundland
news
news media
newton
Newton–Busemann law
Newton methods
Newton pressure law
Newton–Raphson method
Newton second law
Newton Theory
Newtonian fluids
Nicaragua
Crank- **Nicholson** method
Nichrome (trademark)
nickel
nickel alloys
nickel aluminides
cadmium **nickel** batteries
use nickel cadmium batteries
zinc **nickel** batteries
use nickel zinc batteries
nickel cadmium batteries
nickel coatings
nickel compounds
nickel fluorides
nickel hydrogen batteries
nickel iron batteries
nickel isotopes
nickel oxides
nickel plate
nickel steels
nickel zinc batteries
nicotinamide
nicotine
nicotinic acid
Niger
Nigeria
night
night airglow
use nightglow
night E layer
use E region
night sky
night F layer
use F region
night sky
night flights (aircraft)
Pioneer Venus 2 **night** probe
night sky
night vision
nightglow
nigotrons
Nihon aircraft
Nihon YS-11 aircraft
use YS-11 aircraft
Nike–Ajax missile
Nike–Apache rocket vehicle
Nike booster rocket engines
Nike–Cajun rocket vehicle
Nike–Hercules missile
Nike–Hydac rocket vehicle
Nike–Iroquois rocket vehicle
Nike–Javelin rocket vehicle
Nike missiles
Nike project
Nike rocket vehicles
Nike rockets
Nike–Tomahawk rocket vehicle
Nike X systems
Nike–Zeus missile
nimbostratus clouds
Nimbus 1 satellite
Nimbus 2 satellite
Nimbus 3 satellite
Nimbus 4 satellite
Nimbus 5 satellite
Nimbus 6 satellite

Nimbus 7 satellite
nimbus clouds
use nimbostratus clouds
Nimbus project
Nimbus satellites
nimonic alloys
NIMPHE (engine)
use hydrazine engines
Nimrod accelerator
el **Nino**
niobates
lithium **niobates**
niobium
niobium 95
niobium alloys
niobium carbides
niobium compounds
niobium iodides
niobium isotopes
niobium oxides
niobium stannides
NIPS (system)
use NASA Interactive Planning Syztem
nitinol alloys
nitramine propellants
nitrasol explosives
cellulose **nitrate**
hydrazine **nitrate**
isopropyl **nitrate**
methyl **nitrate**
propyl **nitrate**
nitrate esters
nitrates
ammonium **nitrates**
inorganic **nitrates**
organic **nitrates**
potassium **nitrates**
silver **nitrates**
sodium **nitrates**
nitration
nitric acid
nitric oxide
metal- **nitride**-oxide-semiconductors
metal- **nitride**-oxide-silicon
nitrides
aluminum **nitrides**
beryllium **nitrides**
boron **nitrides**
gallium **nitrides**
metal **nitrides**
silicon **nitrides**
tantalum **nitrides**
titanium **nitrides**
zirconium **nitrides**
nitriding
ethane **nitrile**
use acetonitrile
nitriles
nitrites
nitro compounds
nitroamines
nitrobacter
nitrobenzenes
nitrocellulose
use cellulose nitrate
nitrofluoramines
hydrazine **nitroform**
nitroformates
nitroforms
nitrogen
liquid **nitrogen**
solid **nitrogen**
nitrogen 15
nitrogen 16
nitrogen atoms
nitrogen compounds
nitrogen dioxide
nitrogen fixation
use nitrogenation
nitrogen fluorides
nitrogen hydrides
nitrogen ions
nitrogen isotopes
nitrogen lasers
nitrogen metabolism
nitrogen oxides
nitrogen plasma
nitrogen polymers
nitrogen tetroxide
nitrogenation
nitroglycerin
nitroguanidine
nitrolysis
nitromethane
nitronium compounds
nitronium perchlorate
nitropropane
nitrosamine
nitroso compounds
nitrosyl chlorides
nitrosyls
nitrous acid
nitrous oxides
nitroxychlorides
nitryl chlorides
nitryl fluorides
Hudson River (NY- **NJ)**
NMR
use nuclear magnetic resonance
NOAA 2 satellite
NOAA 3 satellite
NOAA 4 satellite
NOAA 5 satellite
NOAA 6 satellite
NOAA 7 satellite
NOAA 8 satellite
NOAA 9 satellite
NOAA 10 satellite
NOAA 11 satellite
NOAA 12 satellite
NOAA 14 satellite
NOAA E
use NOAA 8 satellite
NOAA F satellite
use NOAA 9 satellite
NOAA G satellite
use NOAA 10 satellite
NOAA satellites
nobelium
nobelium isotopes
noble gases
use rare gases
noble metals
noctilucence
use luminescence
noctilucent clouds
nocturnal variations

nodes (standing waves)
nodules
NOE navigation
use nap-of-the-earth navigation
NOESS
noise
aerodynamic **noise**
aircraft **noise**
atmospheric **noise**
use atmospherics
background **noise**
blade slap **noise**
boundary layer **noise**
use aerodynamic noise
boundary layers
channel **noise**
continuous **noise**
cosmic **noise**
electromagnetic **noise**
engine **noise**
Gaussian **noise**
use random noise
helicopter impulsive **noise**
use blade slap noise
ionospheric **noise**
jet **noise**
use jet aircraft noise
jet aircraft **noise**
low **noise**
propeller **noise**
radiation **noise**
use electromagnetic noise
radio frequency **noise**
use electromagnetic noise
random **noise**
rocket engine **noise**
shot **noise**
solar **noise**
use solar radio emission
spectral **noise**
use white noise
thermal **noise**
white **noise**
noise attenuation
use noise reduction
noise elimination
use noise reduction
noise generators
noise hazards
use hazards
noise (sound)
noise injuries
noise intensity
surface **noise** interactions
effective perceived **noise** levels
noise measurement
electromagnetic **noise** measurement
noise meters
noise pollution
noise prediction
aircraft **noise** prediction
use noise prediction (aircraft)
noise prediction (aircraft)
noise propagation
carrier to **noise** ratios
signal to **noise** ratios
noise reduction
noise (sound)
noise spectra
noise storms
noise suppressors
use noise reduction
noise temperature
noise threshold
noise tolerance
Nomad launch vehicle
nomenclatures
nominal values
use approximation
nomograms
use nomographs
nomographs
body temperature (**non** -biological)
cellular materials (**non** biological)
skin temperature (**non** -biological)
non-intrusive measurement
essentially **non**-oscillatory schemes
nonadiabatic conditions
nonadiabatic processes
use heat transfer
nonadiabatic theory
nonane
nonaqueous electrolytes
noncondensable gases
nonconductors
use electrical insulation
nonconservative forces
nondestructive tests
nonelectrolytes
nonequilibrium conditions
nonequilibrium drag
use friction drag
nonequilibrium flow
nonequilibrium ionization
nonequilibrium plasmas
nonequilibrium radiation
nonequilibrium thermodynamics
noneuclidean geometry
use differential geometry
nonferrous metals
nonflammable materials
nongray atmospheres
nongray gas
nonholonomic equations
nonhomogeneity
use inhomogeneity
nonintrusive measurement
nonisentropicity
nonisothermal processes
nonisotropic plates
use anisotropic plates
nonisotropy
use anisotropy
nonlifting vehicles
use ballistic vehicles
nonlinear equations
nonlinear evolution equations
nonlinear feedback
nonlinear filters
nonlinear optics
nonlinear programming
nonlinear systems
nonlinearity
nonnewtonian flow
nonnewtonian fluids
nonohmic effect
nonoscillatory action
nonparametric statistics

nonpoint sources
nonpolar gases
nonreflection
use energy absorption
nonrelativistic electrons
use electrons
nonrelativistic mechanics
nonresonance
nonrigidity
use flexibility
torque sensors **(nonrobotics)**
nonspherical optics
use aspheric optics
nonstabilized oscillation
nonsynchronization
nonthermal emission
use nonthermal radiation
nonthermal radiation
nonuniform flow
nonuniform magnetic fields
nonuniform plasmas
nonuniformity
nonviscous flow
use inviscid flow
noon
noradrenaline
Nord 262 aircraft
use MH-262 aircraft
Nord 1500 aircraft
Nord aircraft
Reissner- **Nordstrom** solution
norepinephrine
norleucine
normal density functions
normal distributions
use normal density functions
normal force distribution
use force distribution
normal shock waves
normality
normalizing
normalizing (heat treatment)
normalizing (statistics)
norms
North America
Appalachian Mountains **(North** America)
Beaufort Sea **(North** America)
Colorado River **(North** America)
Great Lakes **(North** America)
Great Plains Corridor **(North** America)
Rio Grande **(North** America)
Rocky Mountains **(North** America)
St Lawrence Valley **(North** America)
Williston Basin **(North** America)
North American aircraft
North Atlantic Treaty Organization (NATO)
North Carolina
North Dakota
North Korea
North Polar Spur (astronomy)
North Sea
North Vietnam
use Vietnam
Northern Hemisphere
Northern Ireland
northern sky
Northrop aircraft
Northwest Territories

Pacific **Northwest** (US)
Norton County achondrite
Norway
Spitsbergen **(Norway)**
Norwegian space program
nose
nose (anatomy)
nose caps
use nose cones
nose cones
ablative **nose** cones
rocket **nose** cones
nose fins
nose inlets
nose tips
nose wheels
noses (forebodies)
passive **nosetip** technology
use PANT program
ablated **nosetips**
use PANT program
Nosloc
notation
use coding
Wiswesser **notations**
notch sensitivity
notch strength
notch tests
notched metals
use notch tests
notches
Hercules **nova**
Nova computers
Nova Laser System
Nova launch vehicles
Nova satellites
Nova Scotia
novae
dwarf **novae**
novocain
nowcasting
noxious materials
use contaminants
nozzle coefficient
use nozzle flow
nozzle design
nozzle efficiency
nozzle flow
nozzle geometry
nozzle inserts
nozzle thrust coefficients
nozzle walls
nozzleless rocket engines
nozzles
acoustic **nozzles**
annular **nozzles**
coaxial **nozzles**
conical **nozzles**
convergent **nozzles**
convergent-divergent **nozzles**
de Laval **nozzles**
use convergent-divergent nozzles
divergent **nozzles**
dual thrust **nozzles**
exhaust **nozzles**
hypersonic **nozzles**
inlet **nozzles**
jet **nozzles**
pipe **nozzles**

plug **nozzles**
rocket **nozzles**
shrouded **nozzles**
sonic **nozzles**
spike **nozzles**
spray **nozzles**
supersonic **nozzles**
transonic **nozzles**
turbine exhaust **nozzles**
wind tunnel **nozzles**
NRX reactors
NTS
  use navigation technology satellites
nu factor
nuclear astrophysics
Systems for **Nuclear** Auxiliary Power
  use SNAP
nuclear auxiliary power units
nuclear binding energy
nuclear bulge (galaxies)
  use galactic bulge
nuclear capture
nuclear chemistry
nuclear deformation
high altitude **nuclear** detection
nuclear devices
nuclear electric power generation
nuclear electric propulsion
nuclear emulsions
nuclear energy
nuclear engine for rocket vehicles
nuclear explosion effect
nuclear explosions
nuclear fission
nuclear fuel burnup
nuclear fuel elements
nuclear fuel reprocessing
nuclear fuels
ceramic **nuclear** fuels
nuclear fusion
nuclear gyroscopes
nuclear heat
nuclear interactions
nuclear isobars
nuclear lightbulb engines
nuclear magnetic resonance
nuclear medicine
nuclear meteorology
nuclear models
nuclear particles
nuclear physics
nuclei **(nuclear** physics)
Q values **(nuclear** physics)
selection rules **(nuclear** physics)
nuclear potential
Hallam **Nuclear** Power Facility
HNPF (Hallam **Nuclear** Power Facility)
  use Hallam Nuclear Power Facility
nuclear power generation
  use nuclear electric power
    generation
ML-1 **nuclear** power plant
nuclear power plants
nuclear power reactors
nuclear powered ships
nuclear propelled aircraft
nuclear propulsion
nuclear pumped lasers
nuclear pumping
nuclear quadrupole resonance
nuclear radiation
post-blast **nuclear** radiation
nuclear radiation spectroscopy
nuclear ramjet engines
nuclear reactions
nuclear reactor control
Pathfinder **nuclear** reactor
Phoebus **nuclear** reactor
nuclear reactors
fast **nuclear** reactors
fuel elements **(nuclear** reactors)
high temperature **nuclear** reactors
molten salt **nuclear** reactors
SGR **(nuclear** reactors)
UHTREX **(nuclear** reactors)
nuclear relaxation
nuclear research
nuclear research and test reactors
nuclear rocket engines
nuclear scattering
nuclear shielding
  use radiation shielding
Savannah **nuclear** ship
nuclear spin
nuclear structure
nuclear test reactors
  use nuclear research and test
    reactors
nuclear transformations
nuclear vulnerability
nuclear warfare
nuclear warheads
nuclear wastes
  use radioactive wastes
nuclear weapons
nucleases
nucleate boiling
nucleation
nuclei
active galactic **nuclei**
Aitken **nuclei**
comet **nuclei**
condensation **nuclei**
even-even **nuclei**
galactic **nuclei**
heavy **nuclei**
ice **nuclei**
odd-even **nuclei**
odd-odd **nuclei**
nuclei (cytology)
nuclei (nuclear physics)
nucleic acid denaturation
  use biopolymer denaturation
nucleic acids
nucleogenesis
meson- **nucleon** interactions
nucleon- **nucleon** interactions
nucleon potential
nucleon- **nucleon** scattering
nucleonics
nucleons
nucleophiles
nucleosides
nucleosynthesis
  use nuclear fusion
nucleotides
pyridine **nucleotides**
nuclides

radioactive **nuclides**
use radioactive isotopes
null hypothesis
null zones
Biot **number**
critical Mach **number**
use critical velocity
Mach number
critical Reynolds **number**
use Reynolds number
Damkohler **number**
Froude **number**
Grashof **number**
Hartmann **number**
high Reynolds **number**
Knudsen **number**
use Knudsen flow
Laval **number**
low Reynolds **number**
Mach **number**
Nusselt **number**
octane **number**
Peclet **number**
Prandtl **number**
Rayleigh **number**
Reynolds **number**
Richardson **number**
Schmidt **number**
Stanton **number**
Strouhal **number**
number theory
density **(number** /volume)
numbers
complex **numbers**
dimensionless **numbers**
Fibonacci **numbers**
Lewis **numbers**
quantum **numbers**
random **numbers**
real **numbers**
similarity **numbers**
numerical analysis
DNS **(numerical** analysis)
numerical aperture
numerical control
numerical data bases
numerical differentiation
numerical flow visualization
numerical integration
direct **numerical** simulation
numerical stability
numerical weather forecasting
nunataks
Baker- **Nunn** camera
flight **nurses**
Nusselt number
nutation
Eulerian **nutation**
use Chandler wobble
nutation dampers
nutational oscillation
use nutation
nutrients
nutrition
nutritional requirements
nuts (fasteners)
nuts (fruits)
Lake Tahoe (CA- **NV)**
Pyramid Lake **(NV)**
Adirondack Mountains **(NY)**
Long Island **(NY)**
New York City **(NY)**
Hudson River **(NY** -NJ)
Susquehanna River Basin (MD- **NY**-PA)
Lake Champlain Basin **(NY** -VT)
nylon resins
use polyamide resins
Nylon (trademark)
Nyquist diagram
Nyquist frequencies
nystagmus
vestibular **nystagmus**

O

O ring seals
O stars
Bi-Sr-Ca-Cu- **O** superconductors
Y-Ba-Cu- **O** superconductors
Oak Ridge isochronous cyclotron
OAO
OAO 1
OAO 2
OAO 3
OAO-A
OAO-A2
OAO-C
oases
oats
Oberon
obesity
faint **object** camera
object-oriented programming
object programs
BL Lacertae **objects**
faint **objects**
Herbig-Haro **objects**
unidentified flying **objects**
oblate spheroids
solar **oblateness**
oblique coordinates
oblique shock waves
oblique wings
obliqueness
obscuration
use occultation
observability (systems)
low **observable** reentry vehicles
observation
celestial **observation**
use astronomy
ice **observation**
use ice reporting
radar **observation**
use radar tracking
radio **observation**
satellite **observation**
visual **observation**
observation aircraft
Earth Resources **Observation** Satellites
use EROS (satellites)
crew **observation** stations
Satellite and Missile **Observation** System
use Samos
space **observations** (from Earth)
Earth **observations** (from space)
observatories

astronomical **observatories**
geophysical **observatories**
High Energy Astronomy **Observatories**
use HEAO
lunar **observatories**
solar **observatories**
Advanced Orbiting Solar **Observatory**
use AOSO
Compton Gamma Ray **Observatory**
use Gamma Ray Observatory
Eccentric Geophysical **Observatory**
use EGO
Eccentric Orbit Geophysical **Observatory**
use EGO
Einstein **Observatory**
use HEAO 2
ESO **(observatory)**
European Southern **Observatory**
Gamma Ray **Observatory**
Jodrell Bank **Observatory**
Kuiper Airborne **Observatory**
Orbiting Astronomical **Observatory**
use OAO
Orbiting Geophysical **Observatory**
use OGO
Orbiting Solar **Observatory**
use OSO
Polar Orbit Geophysical **Observatory**
use POGO
SOFIA (airborne **observatory)**
Solar and Heliospheric **Observatory**
use SOHO Mission
High Energy Astronomy **Observatory** 1
use HEAO 1
High Energy Astronomy **Observatory** 2
use HEAO 2
High Energy Astronomy **Observatory** 3
use HEAO 3
High Energy Astronomy **Observatory** 4
use HEAO 4
High Energy Astronomy **Observatory** A
use HEAO 1
High Energy Astronomy **Observatory** B
use HEAO 2
High Energy Astronomy **Observatory** C
use HEAO 3
High Energy Astronomy **Observatory** D
use HEAO 4
Stratospheric **Observatory** for IR Astronomy
use SOFIA (airborne observatory)
Infrared Space **Observatory** (ISO)
Synchronous Earth **Observatory** satellite
Mars **Observer**
Severe Storms **Observing** Satellite
use StormSat satellite
Earth **Observing** System (EOS)
obsidian
obsidian glass
obstacle avoidance
obstacles
use barriers
obstructing
use blocking
occipital lobes
occlusion
occultation
lunar **occultation**
radio **occultation**
stellar **occultation**

Halogen **Occultation** Experiment
High Eccentric Lunar **Occultation** Satellite
use Exosat satellite
Pinhole **Occulter** Facility
occupation
occupational diseases
occurrences
Antarctic **Ocean**
Arctic **Ocean**
Atlantic **Ocean**
Indian **Ocean**
Pacific **Ocean**
ocean bottom
ocean color scanner
ocean currents
ocean data acquisitions systems
ocean data platforms
use ocean data acquisitions systems
ocean data stations
use ocean data acquisitions systems
ocean dynamics
ocean floor spreading
use sea floor spreading
ocean models
Earth & **Ocean** Physics Applications Program
mid- **ocean** ridges
Geodynamic Experimental **Ocean** Satellite
use GEOS-D satellite
integrated global **ocean** station systems
ocean surface
ocean temperature
ocean thermal energy conversion
mid- **oceanic** ridges
National **Oceanic** Satellite System
Atmospheric & **Oceanographic** Inform Sys
oceanographic parameters
oceanography
currents **(oceanography)**
oceans
Octahedral Research Satellites
use Environmental Research Satellites
octahedrite
use anatase
octahedrons
octane
octane number
octanes
octaves
octets
octoates
octol (explosive)
octopuses
ocular circulation
oculogravic illusions
oculometers
oculomotor nerves
ODAS
use ocean data acquisitions systems
odd-even nuclei
odd- **odd** nuclei
Odessa meteorite
odors
bleed- **off**
cut- **off**
off-on control
offgassing
office automation

Office of Space & Terrestr Applic
Payloads
use OSTA-1 payload
OSTA-2 payload
OSTA-3 payload
offshore docking
offshore energy sources
offshore platforms
offshore reactor sites
OFT
use Space Transportation System
flights
OFT 1
use Space Transportation System 1
flight
OFT 2
use Space Transportation System 2
flight
OFT 3
use Space Transportation System 3
flight
OFT 4
use Space Transportation System 4
flight
ogee shape
ogee wings
use variable sweep wings
ogives
OGO
OGO-3
OGO-4
OGO-5
OGO-6
OGO-A
OGO-B
OGO-C
OGO-D
OGO-E
OGO-F
Wabash River Basin (IL-IN- **OH)**
OH-4 helicopter
OH-5 helicopter
OH-6 helicopter
OH-13 helicopter
OH-23 helicopter
OH-58 helicopter
Ohio
Ohio River (US)
ohmic dissipation
ohmmeters
Ohms law
Ohzora satellite
use EXOS-C satellite
castor **oil**
crude **oil**
shale **oil**
oil additives
oil exploration
oil fields
oil pollution
oil recovery
oil slicks
oils
fuel **oils**
lubricating **oils**
mineral **oils**
Lake Texoma **(OK** -TX)
Okazaki-Levy-Rudenko comet
Okhansk meteorite

Sea of **Okhotsk**
Oklahoma
olefins
use alkenes
oleic acid
olfactory perception
oligomers
olivine
Bristol-Siddeley **Olympus** 593 engine
Oman
OMCVD (vapor deposition)
use metalorganic chemical vapor
deposition
OME
use Orbit Maneuvering Engine
(Space Shuttle)
omega-mesons
Omega Navigation System
k- **omega** turbulence model
kappa- **omega** turbulence model
omegatrons
Omicron Ceti star
omnidirectional antennas
omnidirectional radio ranges
Omnipol HC-3 helicopter
use HC-3 helicopter
Omnipol L-29 aircraft
use L-29 jet trainer
Omnipol Z-37 aircraft
use Z-37 aircraft
SCORE **omnirange**
use self calibrating omnirange
self calibrating **omnirange**
omnirange navigation
use VHF omnirange navigation
VHF **omnirange** navigation
off- **on** control
silicon- **on**-insulator semiconductors
on-line programming
on-line systems
Landsat follow- **on** missions
silicon- **on**-sapphire junctions
silicon- **on**-sapphire semiconductors
silicon- **on**-sapphire transistors
Committee **on** Space Research
Large Infrared Telescope **on** Spacelab
use LIRTS (telescope)
onboard computers
use airborne/spaceborne computers
onboard data processing
onboard equipment
stowage **(onboard** equipment)
one dimensional flow
one-phase flow
onisotropy
use anisotropy
compact disk read- **only** memory devices
read- **only** memory devices
Onsager phenomenological coefficient
Onsager relationship
Ontario
Lake **Ontario**
ontogenesis
use ontogeny
ontogeny
oocytes
use gametocytes
Oort cloud
opacifiers

opacity
opalescence
open channel flow
open circuit voltage
open clusters
OPEN Project
crack **opening** displacement
openings
clearings **(openings)**
gates **(openings)**
ports **(openings)**
man **operated** propulsion systems
operating costs
disk **operating** system (DOS)
UNIX **(operating** system)
operating systems (computers)
operating temperature
duplex **operation**
Fishbowl **Operation**
premature **operation**
real time **operation**
operational amplifiers
operational calculus
Geostationary **Operational** Environ Sats
use GOES satellites
National **Operational** Environmental Sat Sys
use NOESS
operational hazards
operational problems
TIROS **operational** satellite system
Improved TIROS **Operational** Satellites
use ITOS satellites
ground **operational** support system
operations
air drop **operations**
airline **operations**
flight **operations**
loading **operations**
military **operations**
preflight **operations**
rescue **operations**
Space **Operations** Center (NASA)
operations research
Geostationary **Operatl** Environ Satellite B
use GOES 2
Bergman **operator**
Sturm-Liouville **operator**
use Sturm-Liouville theory
operator performance
operators
differential **operators**
use differential equations
operators (mathematics)
Fredholm **operators**
use Fredholm equations
operators (mathematics)
Laplace **operators**
use Laplace transformation
linear **operators**
operators (mathematics)
operators (personnel)
Ophiuchi clouds
ophthalmodynamometry
ophthalmology
Opik theory
Born- **Oppenheimer** approximation

optical absorption
use electromagnetic absorption
light transmission
optical activity
optical amplifiers
use light amplifiers
optical bistability
optical communication
optical computers
optical control
optical correction procedure
optical correlators
optical countermeasures
optical coupling
optical data processing
optical data storage materials
optical density
optical depolarization
optical depth
use optical thickness
optical disks
electro- **optical** effect
holographic **optical** elements
optical emission
use light emission
optical emission spectroscopy
optical equipment
optical fibers
optical filters
optical flow (image analysis)
optical generators
use laser cavities
optical gyroscopes
optical heterodyning
optical illusion
optical images
use images
optical maser modulation
use light modulation
optical masers
use lasers
optical materials
optical measurement
optical measuring instruments
optical memory (data storage)
optical methods
use optics
optical microscopes
optical modulation
use light modulation
optical paths
electro- **optical** photography
optical polarization
optical properties
optical pumping
optical pyrometers
optical radar
optical range finders
optical reflection
optical relay systems
optical resonance
optical resonators
optical satellite tracking program
optical scanners
optical sensors
use optical measuring instruments
optical signals
use optical communication

optical slant range
optical spectrum
use light (visible radiation)
spectra
optical switching
electro- **optical** switching
Spacelab UV- **Optical** Telescope Facility
solar **optical** telescope
optical thickness
optical tracking
minitrack **optical** tracking system
use minitrack system
optical transfer function
optical transition
optical waveguides
optics
acousto- **optics**
adaptive **optics**
aspheric **optics**
asymmetrical **optics**
use aspheric optics
atmospheric **optics**
Cassegrain **optics**
caustics **(optics)**
crystal **optics**
diffraction **optics**
use diffractive optics
diffractive **optics**
electro- **optics**
electron **optics**
fiber **optics**
geometrical **optics**
graded index **optics**
use gradient index optics
gradient index **optics**
GRIN **(optics)**
integrated **optics**
magneto- **optics**
modulating retrodirective **optics**
use Miros system
nonlinear **optics**
nonspherical **optics**
use aspheric optics
physical **optics**
quantum **optics**
ray **optics**
use geometrical optics
scatter plates **(optics)**
underwater **optics**
x ray **optics**
optimal control
time **optimal** control
optimization
flight **optimization**
multidisciplinary design **optimization**
trajectory **optimization**
optimum control
use optimal control
optimum thrust programming
use thrust programming
options
optoelectronic devices
optoelectronic switching
use optical switching
optogalvanic spectroscopy
optometry
brakes (forming **or** bending)
identify friend **or** foe
use IFF systems (identification)
OR–gates
Cascade Range (CA- **OR**–WA)
Columbia River Basin (ID- **OR**–WA)
oral hygiene
oratory
use public speaking
ORBIS
ORBIS CAL satellite
lunar **orbit** and landing simulators
orbit calculation
satellite **orbit** calculation
use orbit calculation
orbit decay
airborne range and **orbit** determination
AROD (range- **orbit** determination)
minimum variance **orbit** determination
MINIVAR **orbit** determination
use minimum variance orbit
determination
orbit equations
use orbital mechanics
Eccentric **Orbit** Geophysical Observatory
use EGO
Polar **Orbit** Geophysical Observatory
use POGO
orbit insertion
spin- **orbit** interactions
Orbit Maneuvering Engine (Space
Shuttle)
orbit perturbation
Highly Eccentric **Orbit** satellites
use HEOS satellites
Halo **Orbit** space station
orbit spectrum utilization
Aeromaneuvering **Orbit** to Orbit Shuttle
orbit transfer vehicles
single stage to **orbit** vehicles
orbital assembly
spacecraft **orbital** assembly
use orbital assembly
orbital breakup
use spacecraft breakup
orbital elements
Earth **orbital** environments
Geosynchronous Earth **Orbital** Environments
use Earth orbital environments
low Earth **orbital** environments
use Earth orbital environments
Space Shuttle **Orbital** Flight 7
use Space Shuttle mission 31-C
Space Shuttle **Orbital** Flight 8
use Space Shuttle mission 31-D
Space Shuttle **Orbital** Flight 9
use Space Shuttle mission 41-A
Orbital Flight Test 1 (shuttle)
use Space Transportation System 1
flight
Space Shuttle **Orbital** Flight Test 1
use Space Transportation System 1
flight
Orbital Flight Test 2 (shuttle)
use Space Transportation System 2
flight
Space Shuttle **Orbital** Flight Test 2
use Space Transportation System 2
flight

Orbital Flight Test 3 (shuttle)
use Space Transportation System 3 flight
Space Shuttle **Orbital** Flight Test 3
use Space Transportation System 3 flight
Orbital Flight Test 4 (shuttle)
use Space Transportation System 4 flight
Space Shuttle **Orbital** Flight Test 4
use Space Transportation System 4 flight
orbital flight tests (shuttle)
use Space Transportation System flights
Space Shuttle **Orbital** Flight Tests
use Space Transportation System flights
Space Shuttle **Orbital** Flights
use Space Transportation System flights
manned **orbital** laboratories
MOL (**orbital** laboratories)
orbital launching
orbital lifetime
orbital maneuvering vehicles
orbital maneuvers
orbital mechanics
orbital motion
use orbits
orbital position estimation
orbital rendezvous
Earth **orbital** rendezvous
lunar **orbital** rendezvous
orbital resonances (celestial mechanics)
orbital servicing
Experimental Reflector **Orbital** Shot Proj
orbital shots
High Vacuum **Orbital** Simulator
orbital simulators
use space simulators
manned **orbital** space stations
use space stations
Bioastronautical **Orbital** Space System
orbital space tests
manned **orbital** telescopes
MOT (**orbital** telescopes)
Orbital Test Satellite (ESA)
use OTS (ESA)
Maritime **Orbital** Test Satellite
use Marots (ESA)
orbital transfer
use transfer orbits
orbital velocity
orbital workers
orbital workshops
orbitals
electron **orbitals**
molecular **orbitals**
Slater **orbitals**
Atlantis (**orbiter**)
Challenger (**Orbiter**)
Columbia (**Orbiter**)
Discovery (**Orbiter**)
Endeavour (**orbiter**)
Enterprise (**Orbiter**)
Lunar **Orbiter**
Mars Geoscience Climatology **Orbiter**
use Mars Observer
Pioneer Venus **Orbiter**
use Pioneer Venus 1 spacecraft
Lunar **Orbiter** 1
Viking **orbiter** 1
Lunar **Orbiter** 2
Viking **orbiter** 2
Lunar **Orbiter** 3
Lunar **Orbiter** 4
Lunar **Orbiter** 5
Space Shuttle **Orbiter** 099
use Challenger (Orbiter)
Space Shuttle **Orbiter** 101
use Enterprise (Orbiter)
Space Shuttle **Orbiter** 102
use Columbia (Orbiter)
Space Shuttle **Orbiter** 103
use Discovery (Orbiter)
Space Shuttle **Orbiter** 104
use Atlantis (orbiter)
Space Shuttle **Orbiter** 105
use Endeavour (orbiter)
Viking **orbiter** 1975
Lunar **Orbiter** A
use Lunar Orbiter 1
Lunar **Orbiter** B
use Lunar Orbiter 2
Lunar **Orbiter** C
use Lunar Orbiter 3
Lunar **Orbiter** D
use Lunar Orbiter 4
Lunar **Orbiter** E
use Lunar Orbiter 5
Viking **orbiter** spacecraft
Shuttle **Orbiters**
use Space Shuttle orbiters
Space Shuttle **orbiters**
Orbiting Astronomical Observatory
use OAO
orbiting dipoles
Orbiting Frog Otolith
Orbiting Geophysical Observatory
use OGO
Venus **orbiting** imaging radar (spacecraft)
orbiting lunar stations
Global **Orbiting** Navigation Satellite Sys.
use GLONASS
H-2 **orbiting** plane
use HOPE aerospace plane
H-II **orbiting** plane
use HOPE aerospace plane
orbiting radio beacon ionospheric sounder
use ORBIS
Orbiting Solar Observatory
use OSO
Advanced **Orbiting** Solar Observatory
use AOSO
Earth **orbiting** space stations
use space stations
Automatic Universal **Orbiting** Stations
kilometer wave **orbiting** telescope
orbitrons
orbits
circular **orbits**
Earth **orbits**
eccentric **orbits**
elliptical **orbits**

equatorial **orbits**
geosynchronous **orbits**
heliocentric **orbits**
use solar orbits
Hohmann transfer **orbits**
use elliptical orbits
transfer orbits
interplanetary transfer **orbits**
low earth **orbits**
lunar **orbits**
parking **orbits**
periodic **orbits**
use orbits
planetary **orbits**
polar **orbits**
retrograde **orbits**
satellite **orbits**
solar **orbits**
spacecraft **orbits**
stationary **orbits**
stellar **orbits**
transfer **orbits**
Trojan **orbits**
twenty-four hour **orbits**
two body **orbits**
use two body problem
orchards
order-disorder transformations
reduced **order** filters
higher **order** languages
use high level languages
ordnance
bombs **(ordnance)**
fuses **(ordnance)**
guns **(ordnance)**
mines **(ordnance)**
Oregon
ores
use minerals
iron **ores**
Corti **organ**
organ weight
organelles
azides **(organic)**
organic aluminum compounds
organic boron compounds
organic charge transfer salts
metal **organic** chemical vapor deposition
organic chemistry
organic compounds
fluorine **organic** compounds
lead **organic** compounds
polynuclear **organic** compounds
organic coolants
organic cooled reactors
experimental **organic** cooled reactors
organic fluorine compounds
use fluorine organic compounds
organic germanium compounds
organic lasers
organic liquids
organic lithium compounds
organic materials
dissolved **organic** matter
organic moderated reactors
organic nitrates
organic peroxides
organic phosphorus compounds
organic semiconductors
organic silicon compounds
organic solids
organic sulfur compounds
organic superconductors
organic tin compounds
organic wastes (fuel conversion)
organisms
European Space Research **Organization**
use European Space Agency
Indian Space Research **Organization**
use ISRO
World Meteorological **Organization**
North Atlantic Treaty **Organization** (NATO)
European Space Research **Organization sat**
use ESA satellites
organizations
bureaus **(organizations)**
organizing
self **organizing** systems
organometallic compounds
organometallic polymers
organometallic vapor deposition
use metalorganic chemical vapor deposition
organs
otolith **organs**
sense **organs**
orgel reactor
use organic cooled reactors
Orgueil meteorite
ORIC cyclotron
use Oak Ridge isochronous cyclotron
Llanos **Orientales** (Colombia)
orientation
Earth **orientation**
fiber **orientation**
horizontal **orientation**
instrument **orientation**
ply **orientation**
satellite **orientation**
space **orientation**
spatial **orientation**
use attitude (inclination)
vertical **orientation**
algorithmic **oriented** language
use ALGOL
Common Business **Oriented** Language
use Cobol
machine **oriented** languages
object-**oriented** programming
orifice flow
orifices
Origin of Plasmas in Earth Neighborhood
use OPEN Project
origins
planet **origins**
use planetary evolution
Orion aircraft
use P-3 aircraft
Orion constellation
Orion nebula
Orion (radio interferometry network)
Orionid meteoroids
Sigma **Orionis**
Orlicz space

ornithopter aircraft
use research aircraft
Ornstein–Uhlenbeck process
orographic clouds
use cap clouds
orography
Orr–Sommerfeld equations
orreries
use astronomical models
orthicons
image **orthicons**
ortho hydrogen
ortho para conversion
tetraethyl **orthocarbonates**
orthogonal functions
orthogonal multiplexing theory
orthogonality
orthography
orthonormal functions
orthopedics
orthophotography
tetraethyl **orthosilicate**
orthostatic tolerance
orthotropic cylinders
orthotropic plates
orthotropic shells
orthotropism
oscillating cylinders
oscillating flow
forced **oscillation**
use forced vibration
harmonic **oscillation**
ion **oscillation**
use plasma oscillations
lateral **oscillation**
nonstabilized **oscillation**
nutational **oscillation**
use nutation
pilot induced **oscillation**
self **oscillation**
Southern **oscillation**
tidal **oscillation**
use tides
transverse **oscillation**
oscillation dampers
oscillations
airfoil **oscillations**
electron **oscillations**
free **oscillations**
use free vibration
hydrofoil **oscillations**
molecular **oscillations**
phugoid **oscillations**
use oscillations
pitch (inclination)
plasma **oscillations**
pressure **oscillations**
solar **oscillations**
stable **oscillations**
stellar **oscillations**
transient **oscillations**
undamped **oscillations**
wing **oscillations**
oscillator strengths
oscillators
crystal **oscillators**
harmonic **oscillators**
mechanical **oscillators**
microwave **oscillators**
molecular **oscillators**
parametric **oscillators**
use parametric amplifiers
relaxation **oscillators**
synchronized **oscillators**
vacuum tube **oscillators**
voltage controlled **oscillators**
wave **oscillators**
use oscillators
essentially non- **oscillatory** schemes
oscillograms
use oscillographs
oscillographs
oscilloscopes
osculations
use double cusps
Oseen approximation
osmium
osmium alloys
osmium compounds
osmium isotopes
osmometers
osmosis
reverse **osmosis**
osmotic pressure
use osmosis
OSO
OSO–1
OSO–2
OSO–3
OSO–4
OSO–5
OSO–6
OSO–7
OSO–8
OSO–A
OSO–B
OSO–C
OSO–D
OSO–E
OSO–F
OSO–G
OSO–H
OSO–J
Osprey aircraft
use V-22 aircraft
Osprey missile
OSS–1 payload
OSTA–1 payload
OSTA–2 payload
OSTA–3 payload
osteoporosis
Ostwald coarsening
use Ostwald ripening
Ostwald ripening
OT–2
OT–3
OTF
use optical transfer function
otolaryngology
Orbiting Frog **Otolith**
otolith organs
otology
OTS (ESA)
Otto cycle
OTV
use orbit transfer vehicles
outcrops
Outer Banks (NC)

outer planet missions
use Grand Tours
outer planet spacecraft
use outer planets explorers
Thermoelectric **Outer** Planet Spacecraft
use TOPS (spacecraft)
outer planets explorers
outer radiation belt
outer space treaty
outgassing
outlet flow
outlets
electric **outlets**
outlets (geology)
use estuaries
outliers (landforms)
outliers (statistics)
output
cardiac **output**
multiple input multiple **output**
use MIMO (control systems)
multiple **output** programs
input/ **output** routines
single input single **output** systems
use SISO (control systems)
laser **outputs**
maser **outputs**
cut- **outs**
OV-1 aircraft
OV-1 satellites
Grumman **OV-1C** aircraft
OV-2 satellites
OV-3 satellites
OV-4 satellites
OV-5 satellites
OV-10 aircraft
ovaries
ovens
logistics **over** the shore (LOTS) carrier
over-the-horizon radar
overcast
use cloud cover
overcompression
use overconsolidation
overconsolidation
Overhauser effect
overpressure
overtones
use harmonics
general **overviews**
overvoltage
oxalates
cobalt **oxalates**
oxalic acid
oxamic acids
oxazole
oxetane polymers
photochemical **oxidants**
oxidases
oxidation
electrochemical **oxidation**
oxidation-reduction reactions
oxidation resistance
ethylene **oxide**
hydrogen deuterium **oxide**
use heavy water
nitric **oxide**
propylene **oxide**
trifluoroamine **oxide**
zinc silver **oxide** batteries
use silver zinc batteries
oxide dispersion strengthening
oxide films
solid **oxide** fuel cells
metal- **oxide**-metal semiconductors
fast **oxide** reactors
complementary metal **oxide** semiconductors
use CMOS
indium-tin- **oxide** semiconductors
metal **oxide** semiconductors
metal-nitride- **oxide**-semiconductors
metal-nitride- **oxide**-silicon
silver **oxide** zinc batteries
use silver zinc batteries
oxides
alkaline earth **oxides**
aluminum **oxides**
barium **oxides**
beryllium **oxides**
bismuth **oxides**
boron **oxides**
butylene **oxides**
use tetrahydrofuran
calcium **oxides**
cerium **oxides**
cesium **oxides**
chlorine **oxides**
chromium **oxides**
cobalt **oxides**
copper **oxides**
deuterium **oxides**
use heavy water
gallium **oxides**
germanium **oxides**
hafnium **oxides**
indium **oxides**
iron **oxides**
lanthanum **oxides**
lead **oxides**
lithium **oxides**
magnesium **oxides**
manganese **oxides**
mercury **oxides**
metal **oxides**
mixed **oxides**
molybdenum **oxides**
nickel **oxides**
niobium **oxides**
nitrogen **oxides**
nitrous **oxides**
phosphorus **oxides**
platinum **oxides**
plutonium **oxides**
potassium **oxides**
scandium **oxides**
selenium **oxides**
silicon **oxides**
silver **oxides**
strontium **oxides**
sulfur **oxides**
tantalum **oxides**
thorium **oxides**
tin **oxides**
titanium **oxides**
tungsten **oxides**
uranium **oxides**
vanadium **oxides**
yttrium **oxides**

zinc **oxides**
zirconium **oxides**
oxidizers
high energy **oxidizers**
liquid **oxidizers**
propellant **oxidizers**
use rocket oxidizers
rocket **oxidizers**
oximetry
oxosilenes
use polysilanes
oxyacetylene
oxyalkylation
use alkylation
oxyfluorides
oxygen
fluorine-liquid **oxygen**
use FLOX
high pressure **oxygen**
liquid **oxygen**
LOX **(oxygen)**
oxygen 17
oxygen 18
oxygen afterglow
oxygen analyzers
argon- **oxygen** atmospheres
helium- **oxygen** atmospheres
oxygen atoms
zinc- **oxygen** batteries
oxygen breathing
oxygen compounds
oxygen consumption
oxygen deficiency
use hypoxia
biochemical **oxygen** demand
oxygen detectors
use oxygen analyzers
hydrogen **oxygen** engines
oxygen fluorides
hydrogen **oxygen** fuel cells
oxygen-hydrocarbon rocket engines
liquid **oxygen** hydrocarbon rocket engines
use oxygen-hydrocarbon rocket engines
chemical **oxygen**-iodine lasers
oxygen ions
oxygen isotopes
oxygen masks
oxygen metabolism
oxygen plasma
oxygen production
oxygen recombination
oxygen regulators
oxygen spectra
oxygen supply equipment
oxygen systems
use oxygen supply equipment
oxygen tension
oxygen toxicity
use hyperoxia
oxygenation
oxyhalides
oxyhemoglobin
oxynitrides
ozonates
ozone
ozone depletion
ozone fluoride
ozone holes
use ozone depletion
ozone layer
use ozonosphere
Total **Ozone** Mapping Spectrometer
ozonides
ozonometry
ozonosphere

P

vitamin **P**
use bioflavonoids
P-1 engine
P-3 aircraft
P-51 aircraft
P-84 aircraft
Hunting **P-84** aircraft
P-160 aircraft
ME **P-160** aircraft
Messerschmitt ME **P-160** aircraft
P-166 aircraft
Piaggio **P-166** aircraft
P-308 aircraft
ME **P-308** aircraft
Messerschmitt ME **P-308** aircraft
P-531 helicopter
Westland **P-531** helicopter
P-1127 aircraft
Hawker **P-1127** aircraft
P-1154 aircraft
Hawker **P-1154** aircraft
P band
p-i-n diodes
p-i-n junctions
n- **p** junctions
p-n- **p** junctions
p-n junctions
n- **p**-n junctions
p-n- **p**-n junctions
p-type semiconductors
P waves
P3V aircraft
use P-3 aircraft
P78-2 satellite
P.A.C.M. telemetry
Susquehanna River Basin (MD-NY- **PA)**
PA-34 Seneca aircraft
San **Pablo** Bay (CA)
PACE
use Physics and Chemistry Experiment in Space
artificial cardiac **pacemaker**
Pacific islands
Pacific Northwest (US)
Pacific Ocean
Apollo Lunar Surface Experiments **Package**
Early Apollo Surface Experiments **Package**
use EASEP
Earth Resources Experiment **Package**
use EREP
Goddard experiment **package** telescope
use particle telescopes
packages
instrument **packages**
packaging
electronic **packaging**
Hewlett- **Packard** computers

close **packed** lattices
packet switching
packet transmission
wave **packets**
packets (communication)
packing
packing density
packings (seals)
ice **packs**
use sea ice
pad
paddles
Pade approximation
launching **pads**
Handley **Page** aircraft
Handley **Page** HP-115 aircraft
use HP-115 aircraft
PAGEOS satellite
PAH
use polycyclic aromatic hydrocarbons
pain
pain sensitivity
paint removal
paint stripping
use paint removal
paints
pair production
electron-positron **pairs**
Pakistan
East **Pakistan**
use Bangladesh
Pakistan space program
Palapa 2 satellite
Palapa B satellite
use Palapa 2 satellite
Palapa satellites
paleobiology
paleoclimatology
paleomagnetism
paleontology
Paleozoic Era
palladium
palladium alloys
palladium compounds
palladium isotopes
Shuttle **pallet** satellites
Palmer sweat index
Palmgren-Miner rule
palmitic acid
Palo Verde Valley (CA)
PAM (modulation)
use pulse amplitude modulation
pampas
PAN (polyacrylonitrile)
use polyacrylonitrile
Panama
Panama Canal Zone
pancreas
Pandora
flat **panel** displays
panel flutter
panel method (fluid dynamics)
panels
control **panels**
use control boards
curved **panels**
rectangular **panels**
wing **panels**
panic
panoramic cameras
panoramic scanning
panspermia
PANT program
Pantar chondrites
Panther aircraft
use F-9 aircraft
papain
boards **(paper)**
forms **(paper)**
paper chromatography
paper (material)
papers
papillae
Papua New Guinea
ortho **para** conversion
para hydrogen
parabolas
parabolic antennas
parabolic bodies
parabolic differential equations
parabolic flight
parabolic reflectors
parabolic velocity
use escape velocity
paraboloid mirrors
paraboloids
use parabolic bodies
parachute descent
parachute fabrics
parachutes
drogue **parachutes**
use drag chutes
recovery **parachutes**
ribbon **parachutes**
parachuting
use parachute descent
parachuting injury
paracone
clock **paradox**
paradoxes
paraffins
parafoils
Dornier **paraglider** rocket vehicle
paragliders
Paraguay
parallax
solar **parallax**
stellar **parallax**
parallel computers
parallel flow
parallel plates
parallel processing (computers)
massively **parallel** processors
parallel programming
parallel strip lines
use microstrip transmission lines
parallelepipeds
parallelograms
paralysis
paramagnetic amplifiers
use masers
paramagnetic resonance
electron **paramagnetic** resonance
paramagnetism
paramecia
time temperature **parameter**
parameter identification

distributed **parameter** systems
lumped **parameter** systems
parameterization
parameters
use independent variables
collision **parameters**
lattice **parameters**
meteorological **parameters**
oceanographic **parameters**
parametric amplifiers
parametric diodes
parametric frequency converters
parametric oscillators
use parametric amplifiers
parametrons
paranasal sinuses
paraplasts
parapsychology
use extrasensory perception
parasites
parasitic antennas
use parasitic elements (antennas)
parasitic diseases
parasitic elements (antennas)
parasitic reflectors
use parasitic elements (antennas)
parathyroid gland
parawings
parenteral functions
parents
parity
Yellowstone National **Park** (ID-MT-WY)
parking
parking orbits
Parkinson disease
parks
national **parks**
parotid gland
use salivary glands
parsing algorithms
partial differential equations
partial pressure
particle acceleration
particle accelerator targets
particle accelerators
racetracks (**particle** accelerators)
Space Exper with **Particle** Accelerators
storage rings (**particle** accelerators)
particle beams
particle charging
particle collisions
particle counters
use radiation counters
particle decay
particle density (concentration)
particle detectors
use radiation counters
particle diffusion
particle emission
particle energy
Energetic **Particle** Explorer A
use Explorer 12 satellite
Energetic **Particle** Explorer B
use Explorer 14 satellite
Energetic **Particle** Explorer C
use Explorer 15 satellite
Energetic **Particle** Explorer D
use Explorer 26 satellite

particle flux
use flux (rate)
particle flux density
particle image displacement velocimetry
use particle image velocimetry
particle image velocimetry
particle in cell technique
particle intensity
particle interactions
elementary **particle** interactions
plasma-**particle** interactions
wave-**particle** interactions
particle laden jets
particle mass
precipitation **particle** measurement
particle motion
charm (**particle** physics)
color (**particle** physics)
flavor (**particle** physics)
standard model (**particle** physics)
particle precipitation
particle production
particle size distribution
particle spin
particle telescopes
particle theory
many **particle** theory
use many body problem
Active Magneto **Particle** Tracer Explorers
use AMPTE (satellites)
particle tracks
particle trajectories
particles
alpha **particles**
beta **particles**
charged **particles**
elementary **particles**
energetic **particles**
geomagnetically trapped **particles**
use radiation belts
magnetically trapped **particles**
metal **particles**
neutral **particles**
nuclear **particles**
penetrating **particles**
use corpuscular radiation
powder (**particles**)
quasi-**particles**
relativistic **particles**
trapped **particles**
particulate filters
use fluid filters
particulate reinforced composites
particulate sampling
particulates
partitions
partitions (mathematics)
partitions (structures)
quark **parton** model
partons
parts
use components
aircraft **parts**
engine **parts**
spare **parts**
PAS
Pascal (programming language)
Paschen series

Pasiphae
high **pass filters**
low **pass filters**
ingress (spacecraft **passageway)**
passageways
passenger aircraft
passengers
passes
use gaps (geology)
passivation
use passivity
passive elements
use parasitic elements (antennas)
passive L-band radiometers
passive nosetip technology
use PANT program
passive satellites
passivity
paste (consistency)
pastes
pasteurizing
patch antennas
patch tests
patent applications
patent policy
patents
mean free **path**
gas **path** analysis
critical **path** method
path planning
use trajectory planning
Mars **Pathfinder**
Pathfinder nuclear reactor
pathogenesis
pathogens
pathological effects
pathology
human **pathology**
paths
diffraction **paths**
electron **paths**
use electron trajectories
flight **paths**
glide **paths**
optical **paths**
patients
Patriot missile
patrols
Kossel **pattern**
pattern distribution
use distribution (property)
test **pattern** generators
pattern method (forecasting)
pattern recognition
automatic **pattern** recognition
use pattern recognition
pattern registration
patterns
antenna radiation **patterns**
chaotic cloud **patterns**
use clouds (meteorology)
diffraction **patterns**
drainage **patterns**
flat **patterns**
flow **patterns**
use flow distribution
fringe **patterns**
use diffraction patterns
radial drainage **patterns**
use drainage patterns
speckle **patterns**
Patterson map
Pauli exclusion principle
pavements
AMPS (satellite **payload)**
Atmospheric and Magnetospheric **Payload**
use AMPS (satellite payload)
EXPOS (Spacelab **payload)**
OSS-1 **payload**
OSTA-1 **payload**
OSTA-2 **payload**
OSTA-3 **payload**
plasmas-in-space **payload**
use AMPS (satellite payload)
SEPAC **(payload)**
X Ray Spectropolarimetry **Payload**
use EXPOS (Spacelab payload)
payload assist module
payload control
payload delivery (STS)
payload deployment & retrieval system
payload integration
payload integration plan
payload mass ratio
payload retrieval (STS)
payload stations
payload transfer
payloads
Office of Space & Terrestr Applic **Payloads**
use OSTA-1 payload
OSTA-2 payload
OSTA-3 payload
Space Shuttle **payloads**
space station **payloads**
Spacelab **payloads**
PBB
use polybrominated biphenyls
PBRE (reactors)
use pebble bed reactors
IBM **PC**
use IBM personal computers
Macintosh **PC**
use Macintosh personal computers
PCB
use polychlorinated biphenyls
PCM (materials)
use phase change materials
PCM (modulation)
use pulse code modulation
PCM telemetry
PD-808 aircraft
Douglas **PD-808** aircraft
Piaggio-Douglas **PD-808** aircraft
PDM (modulation)
use pulse duration modulation
PDP 7 computer
PDP 8 computer
PDP 9 computer
PDP 10 computer
PDP 11 computer
PDP 12 computer
PDP 15 computer
PDP 11/20 computer
PDP 11/40 computer
PDP 11/45 computer
PDP 11/50 computer

PDP 11/70 computer
PDP computers
Peacekeeper missile
use MX missile
peacetime
Pike's **Peak** (CO)
peaks
Bordoni **peaks**
peaks (landforms)
pearlite
Pearson distributions
peat
pebble bed reactors
Peclet number
angina **pectoris**
peculiar galaxies
peculiar stars
pedals
pediments
use piedmonts
pediplains
use piedmonts
pedology
use soil science
PEEK
peeling
peening
shot **peening**
Pegasus air-launched booster
Pegasus computer
Pegasus engine
use Bristol-Siddeley BS 53 engine
Pegasus satellites
pelagic zone
pellets
pellicle
pelomyxa
Peltier effects
pelvis
penalties
penalty function
pencil beams
pendulous gyroscopes
use gyroscopic pendulums
pendulums
gyroscopic **pendulums**
penetrants
penetrating particles
use corpuscular radiation
ground **penetrating** radar
penetration
projectile **penetration**
use terminal ballistics
target **penetration**
use terminal ballistics
penetration ballistics
use terminal ballistics
penetrometers
penicillin
Delmarva **Peninsula** (DE-MD-VA)
Peninsular Ranges (CA)
peninsulas
Penning discharge
Penning effect
Penning gages
Pennsylvania
pens
pentaboranes
pentachlorides
use chlorides
pentaerythritol tetranitrate
use PETN
pentanes
pentanone
pentobarbital
pentobarbital sodium
pentodes
pentolite
pentose
penumbras
PEOLE satellites
Peoples Democratic Republic of Germany
use East Germany
Chinese **Peoples** Republic
use China
Democratic **Peoples** Republic of Korea
use North Korea
peppers
pepsin
peptides
single channel **per** carrier transmission
rates **(per** time)
flux (rate **per** unit area)
use flux density
effective **perceived** noise levels
percentage
use ratios
perception
auditory **perception**
color **perception**
use color vision
cutaneous **perception**
use touch
depth **perception**
use space perception
distance **perception**
use space perception
extrasensory **perception**
form **perception**
use space perception
gustatory **perception**
use taste
motion **perception**
olfactory **perception**
sensory **perception**
slant **perception**
use space perception
sound **perception**
use auditory perception
space **perception**
thresholds **(perception)**
vertical **perception**
vibration **perception**
visual **perception**
perceptrons
use self organizing systems
perceptual errors
perceptual time constant
hydrogen **perchlorate**
nitronium **perchlorate**
perchlorates
aluminum **perchlorates**
ammonium **perchlorates**
hydrazine **perchlorates**
hydroxylammonium **perchlorates**
lithium **perchlorates**

magnesium **perchlorates**
potassium **perchlorates**
perchloric acid
perchloryl fluorides
percolation
Percus method
percussion
perfect gas
use ideal gas
perfluoro compounds
perfluoroalkanes
perfluoroguanidine
perforated plates
perforated shells
perforating
perforation
performance
aircraft **performance**
astronaut **performance**
computer systems **performance**
flight **performance**
use flight characteristics
helicopter **performance**
human **performance**
mental **performance**
operator **performance**
pilot **performance**
propulsion system **performance**
psychomotor **performance**
sensorimotor **performance**
spacecraft **performance**
performance prediction
performance tests
perfusion
use diffusion
periclase
peridotite
perigee-apogee satellites
perigees
perihelions
perilunes
Cambrian **Period**
Cretaceous **Period**
Precambrian **period**
pre-Imbrian **period**
refractory **period**
Tertiary **Period**
period doubling
period equations
use periodic functions
long **period** variables
use Mira variables
log **periodic** antennas
periodic functions
periodic orbits
use orbits
periodic processes
use cycles
periodic variations
periodicals
periodicity
use periodic variations
periodicity (biology)
use rhythm (biology)
peripheral circulation
peripheral equipment (computers)
peripheral jet flow
peripheral nervous system
peripheral vision

peripheries
use boundaries
periscopes
peritoneum
permafrost
Permalloys (trademark)
permanent magnets
permanganates
permeability
dielectric **permeability**
magnetic **permeability**
permeating
gel **permeation** chromatography
use liquid chromatography
permissivity
permittivity
permutations
Fabry-**Perot** interferometers
Fabry-**Perot** lasers
Fabry-**Perot** spectrometers
perovskites
hydrogen **peroxide**
peroxides
inorganic **peroxides**
organic **peroxides**
potassium **peroxides**
sodium **peroxides**
Perseid meteoroids
Pershing missile
Persian Gulf
personal computers
IBM **personal** computers
Macintosh **personal** computers
personality
personality tests
personnel
air traffic controllers **(personnel)**
enemy **personnel**
flying **personnel**
medical **personnel**
operators **(personnel)**
pilots **(personnel)**
personnel development
personnel management
personnel propulsion systems
use self maneuvering units
personnel selection
personnel subsystems
Perspex (trademark)
perspiration
PERT
perturbation
lunar **perturbation**
use lunar effects
orbit **perturbation**
plasma **perturbation**
use plasma oscillations
satellite **perturbation**
secular **perturbation**
use long term effects
small **perturbation** flow
perturbation theory
Peru
perveance
pesticides
petals
petechia
PETN
Petrel sounding rocket

Petri nets
petrogenesis
petrogeny
  use petrogenesis
petrography
petroleum
  use crude oil
petroleum products
petrology
Pfaff equation
PFM (modulation)
  use pulse frequency modulation
pH
pH factor
phantastrons
Phantom aircraft
  use F-4 aircraft
pharmacology
pharynx
phase angle
  use phase shift
phase change materials
phase coherence
phase conjugation
phase contrast
phase control
phase demodulators
phase detectors
phase deviation
phase diagrams
liquid **phase** epitaxy
vapor **phase** epitaxy
phase error
one- **phase** flow
single- **phase** flow
two **phase** flow
phase lock demodulators
phase locked systems
vapor **phase** lubrication
phase matching
phase modulation
phase response
  use frequency response
  phase shift
phase rule
phase separation (materials)
phase shift
phase shift circuits
circulators (**phase** shift circuits)
phase shift keying
binary **phase** shift keying
quadrature **phase** shift keying
liquid **phase** sintering
phase-space integral
phase stability (materials)
phase switching interferometers
two **phase** systems
  use binary systems (materials)
phase transformations
phase velocity
phased arrays
phases
gas **phases**
  use vapor phases
liquid **phases**
lunar **phases**
solid **phases**
vapor **phases**

phenacetin
  use acetanilide
phenanthrene
phenobarbital
phenol formaldehyde
carbon- **phenolic** composites
phenolic epoxy resins
phenolic resins
phenology
phenols
medical **phenomena**
mesoscale **phenomena**
Onsager **phenomenological** coefficient
phenomenology
chorus **phenomenon**
  use dawn chorus
chorus (dawn **phenomenon**)
Gibbs **phenomenon**
Leidenfrost **phenomenon**
phenothiazines
phenylalanine
phenyls
Philco 2000 computer
Philippines
Philips ionization gages
Dining **Philosophers** Problem
philosophy
phloroglucinol
phobias
Phobos
Phoebe
Phoebus nuclear reactor
Phoenix (AZ)
Phoenix quadrangle (AZ)
Phoenix sounding rocket
phonemes
phonemics
phonetics
phonoarteriography
phonocardiograms
  use phonocardiography
phonocardiography
phonon beams
electron **phonon** interactions
phonons
phoria
phosgene
phosphates
ammonium **phosphates**
calcium **phosphates**
indium **phosphates**
potassium **phosphates**
phosphazene
phosphene
phosphides
boron **phosphides**
gallium **phosphides**
indium **phosphides**
manganese **phosphides**
phosphines
diethyl hydrogen **phosphite** (DEHP)
phosphonitriles
phosphonium compounds
phosphorescence
phosphoric acid
phosphoric acid fuel cells
phosphors
phosphorus
phosphorus 32

phosphorus compounds
organic **phosphorus** compounds
phosphorus isotopes
phosphorus metabolism
phosphorus oxides
phosphorus polymers
phosphorylation
photics
photo reconnaissance spacecraft
photoabsorption
photoacoustic microscopy
photoacoustic spectroscopy
photocathodes
photocells
use photoelectric cells
photochemical oxidants
photochemical reactions
photochemistry
use photochemical reactions
photochromism
photoclinometry
use photogrammetry
photoconductive cells
photoconductivity
photoconductors
photocurrents
use electric current
photoelectric emission
photodecomposition
photodetachment
photodetectors
use photometers
photodiodes
photodissociation
photoelastic analysis
photoelastic materials
photoelastic stress measurement
use photoelastic analysis
photoelasticity
photoelectric cathodes
use photocathodes
photoelectric cells
photoelectric effect
photoelectric emission
photoelectric generators
photoelectric materials
photoelectric photometers
use electrophotometers
photoelectricity
photoelectrochemical devices
photoelectrochemistry
photoelectromagnetic detectors
use photoelectromagnetic effects
radiation measuring instruments
photoelectromagnetic effects
photoelectron spectroscopy
photoelectronics
use electronics
photoelectricity
photoelectrons
photoemission
use photoelectric emission
photoemissivity
use emissivity
photoelectric emission
photoemitters
use photoelectric materials
photoengraving
photoexcitation

photogeology
photogoniometers
photogrammetry
photograph interpretation
use photointerpretation
photographic developers
photographic emulsions
photographic equipment
photographic film
photographic measurement
photographic plates
photographic processing
photographic processing equipment
photographic recording
photographic rectifiers
photographic tracking
photographs
cloud **photographs**
lunar **photographs**
Mars **photographs**
photography
aerial **photography**
all sky **photography**
astronomical **photography**
black and white **photography**
cloud **photography**
color **photography**
color infrared **photography**
developers **(photography)**
electron **photography**
electronic **photography**
use electro-optical photography
electro-optical **photography**
frame **photography**
high speed **photography**
infrared **photography**
lunar **photography**
metric **photography**
microwave **photography**
multispectral **photography**
radar **photography**
rocket-borne **photography**
satellite-borne **photography**
Schlieren **photography**
shadowgraph **photography**
space **photography**
use spaceborne photography
spaceborne **photography**
spark shadowgraph **photography**
use shadowgraph photography
stereoscopic **photography**
use stereophotography
streak **photography**
time lapse **photography**
use chronophotography
ultraviolet **photography**
underwater **photography**
photointerpretation
photoionization
photolithography
photoluminescence
photoluminescent bands
photolysis
photomagnetic effects
photomapping
photomaps
photomasks
photomechanical effect
photometers

photoelectric **photometers**
use electrophotometers
photometry
astronomical **photometry**
infrared **photometry**
ultraviolet **photometry**
visual **photometry**
photomicrographs
photomicrography
photomultiplier tubes
frequency modulation **photomultipliers**
photon absorptiometry
photon beams
electron **photon** cascades
two **photon** coherent states
use squeezed states (quantum theory)
photon density
photon–electron interaction
photoneutrons
photonic propulsion
photonic switching
use optical switching
photonics
photons
photonuclear reactions
photooxidation
photopeak
photophilic plants
photophoresis
photoplasticity
photopolymers
photoproduction
photoreceptors
photoreconnaissance
photoreduction
use photochemical reactions
photorefractivity
photoresistivity
use photoconductivity
photoresistors
use photoconductors
photosensitivity
photosensors
use photoelectricity
radiation measuring instruments
photosphere
photostresses
photosynthesis
photothermal conversion
photothermotropism
use anisotropy
phototropism
temperature effects
phototransistors
phototropism
phototubes
multiplier **phototubes**
use photomultiplier tubes
photoviscoelasticity
photovoltages
photovoltaic cells
photovoltaic conversion
photovoltaic effect
phreatophytes
phthalates
phthalocyanin

phugoid oscillations
use oscillations
pitch (inclination)
phylloquinone
physical chemistry
physical constants testing reactor
use nuclear research and test reactors
water cooled reactors
physical endurance
use physical fitness
physical examinations
physical exercise
physical factors
physical fitness
physical optics
physical properties
physical sciences
physical work
physicians
physics
acceleration **(physics)**
atmospheric **physics**
atomic **physics**
branching **(physics)**
charm (particle **physics)**
cloud **physics**
color (particle **physics)**
combustion **physics**
condensed matter **physics**
electron runaway (plasma **physics)**
field theory **(physics)**
filaments (solar **physics)**
flavor (particle **physics)**
health **physics**
low temperature **physics**
magnetomechanics **(physics)**
matter **(physics)**
mechanics **(physics)**
molecular **physics**
neutron **physics**
nuclear **physics**
nuclei (nuclear **physics)**
plasma **physics**
plasmas **(physics)**
polymer **physics**
Q values (nuclear **physics)**
quenching (atomic **physics)**
radio **physics**
reactor **physics**
reentry **physics**
rigid rotors (plasma **physics)**
selection rules (nuclear **physics)**
solar **physics**
solid state **physics**
standard model (particle **physics)**
stellar **physics**
theoretical **physics**
Physics and Chemistry Experiment in Space
Earth & Ocean **Physics** Applications Program
Atmospheric Cloud **Physics** Lab (Spacelab)
Health **Physics** Research Reactor
physicochemistry
physiography
use geomorphology
physiological acceleration
physiological defenses
physiological effects

physiological factors
physiological responses
physiological telemetry
use biotelemetry
physiological tests
physiology
acceleration stresses **(physiology)**
bends **(physiology)**
blackout **(physiology)**
exercise **physiology**
gravitational **physiology**
receptors **(physiology)**
regeneration **(physiology)**
relaxation **(physiology)**
respiratory **physiology**
shock **(physiology)**
stress **(physiology)**
tolerances **(physiology)**
underwater **physiology**
phytoplankton
phytotrons
pi-electrons
Piaggio aircraft
Piaggio-Douglas PD-808 aircraft
Piaggio P-166 aircraft
use P-166 aircraft
Piasecki aircraft
pickling (metallurgy)
pickoffs
use sensors
pickups
use sensors
picosecond pulses
picrates
ammonium **picrates**
picture elements
use pixels
APT **(picture** transmission)
automatic **picture** transmission
picture tubes
motion **pictures**
PIDV (velocimetry)
use particle image velocimetry
Central **Piedmont** (US)
piedmonts
piercing
piers
use wharves
piezoelectric ceramics
piezoelectric crystals
piezoelectric gages
piezoelectric transducers
piezoelectricity
piezometers
piezoresistive transducers
pigeons
piggyback systems
pigments
visual **pigments**
guinea **pigs**
pigs (swine)
use swine
Pike's Peak (CO)
pile foundations
piles
pilocarpine
automated **pilot** advisory system
pilot error
pilot induced oscillation
pilot landing aid television system
use PLAT system
pilot performance
pilot plants
pilot selection
pilot support systems
pilot training
Pilot's Associate
use pilot support systems
piloted centrifuges
use human centrifuges
remotely **piloted** vehicles
pilotless aircraft
pilots
aircraft **pilots**
automatic **pilots**
jet **pilots**
use aircraft pilots
test **pilots**
pilots (personnel)
plasma **pinch**
reverse field **pinch**
screw **pinch**
theta **pinch**
zeta **pinch**
pinch effect
pineal gland
pinhole cameras
Pinhole Occulter Facility
pinholes
pinnacles
use peaks (landforms)
pinning
flux **pinning**
pins
pintles
pion beams
Pioneer 1 space probe
Pioneer 2 space probe
Pioneer 3 space probe
Pioneer 4 lunar probe
use Pioneer 4 space probe
Pioneer 4 space probe
Pioneer 5 space probe
Pioneer 6 space probe
Pioneer 7 space probe
Pioneer 8 space probe
Pioneer 9 space probe
Pioneer 10 space probe
Pioneer 11 space probe
Pioneer 12 space probe
use Pioneer Venus spacecraft
Pioneer F space probe
use Pioneer 10 space probe
Pioneer G space probe
use Pioneer 11 space probe
Pioneer project
Pioneer Saturn spacecraft
use Pioneer 11 space probe
Pioneer space probes
Pioneer Venus 1 spacecraft
Pioneer Venus 2 entry probes
Pioneer Venus 2 Multiprobe spacecraft
use Pioneer Venus 2 spacecraft
Pioneer Venus 2 night probe
Pioneer Venus 2 sounder probe
Pioneer Venus 2 spacecraft
Pioneer Venus 2 transporter bus

Pioneer Venus Orbiter
use Pioneer Venus 1 spacecraft
Pioneer Venus spacecraft
pions
pipe flow
pipe nozzles
pipelines
pipelining (computers)
Piper aircraft
piperidine
gas **pipes**
heat **pipes**
pipes (tubes)
pipettes
air **piracy**
Pirani gages
piston engines
free- **piston** engines
piston theory
pistons
magnetic **pistons**
pitch
damping in **pitch**
use damping
pitch (inclination)
pitch angles
use pitch (inclination)
pitch attitude control
use longitudinal control
pitch (inclination)
pitch (material)
variable **pitch** propellers
pitching moments
pitot tubes
pits
pits (excavations)
pitting
pituitary gland
pituitary hormones
PIV (velocimetry)
use particle image velocimetry
pivoted wing aircraft
use tilt wing aircraft
pivots
PIX
use plasma interaction experiment
pixels
PL/I
plages (faculae)
use faculae
plains
coastal **plains**
flood **plains**
Great **Plains** Corridor (North America)
payload integration **plan**
plan position indicators
planar structures
Fokker- **Planck** equation
Plancks constant
H-2 orbiting **plane**
use HOPE aerospace plane
H-II orbiting **plane**
use HOPE aerospace plane
HOPE aerospace **plane**
Small Water **Plane** Area Twin Hull
use SWATH (ship)
focal **plane** arrays
use focal plane devices
focal **plane** devices
National Aerospace **Plane** Program
plane strain
plane stress
plane waves
aerospace **planes**
half **planes**
rocket **planes**
tail **planes**
use horizontal tail surfaces
Earth **(planet)**
Jupiter **(planet)**
Mars **(planet)**
Mercury **(planet)**
Neptune **(planet)**
Pluto **(planet)**
Saturn **(planet)**
Uranus **(planet)**
Venus **(planet)**
Minor **Planet** 1221
use Amor asteroid
Minor **Planet** 2060
use Chiron
Mission to **Planet** Earth
planet ephemerides
outer **planet** missions
use Grand Tours
planet origins
use planetary evolution
outer **planet** spacecraft
use outer planets explorers
Thermoelectric Outer **Planet** Spacecraft
use TOPS (spacecraft)
planetariums
planetary atmospheres
planetary bases
planetary boundary layer
planetary composition
planetary cores
planetary craters
planetary crusts
planetary cryospheres
planetary entry
use atmospheric entry
planetary environments
planetary evolution
planetary exploration
use space exploration
planetary explorer
use outer planets explorers
planetary geology
planetary gravitation
solar **planetary** interactions
planetary ionospheres
planetary landing
planetary limb
planetary magnetic fields
planetary magnetospheres
planetary magnetotails
planetary mantles
planetary mapping
planetary mass
planetary meteorology
planetary motion
use solar orbits
planetary nebulae
planetary orbits
planetary quakes
planetary quarantine
planetary radiation

planetary rings
planetary rotation
planetary satellites
use natural satellites
planetary space flight
use interplanetary flight
planetary spacecraft
use interplanetary spacecraft
planetary structure
Earth **planetary** structure
planetary surfaces
planetary systems
planetary temperature
planetary waves
planetesimals
use protoplanets
planetocentric coordinates
planetology
planets
extrasolar **planets**
gas giant **planets**
minor **planets**
use asteroids
terrestrial **planets**
outer **planets** explorers
planforms
rectangular **planforms**
wing **planforms**
planigraphy
use tomography
planing
planispheres
plankton
plankton bloom
use plankton
planning
airport **planning**
management **planning**
mission **planning**
path **planning**
use trajectory planning
production **planning**
project **planning**
regional **planning**
trajectory **planning**
urban **planning**
task **planning** (robotics)
NASA Interactive **Planning** System
planotrons
plans
flight **plans**
Enrico Fermi atomic power **plant**
ML-1 nuclear power **plant**
plant design
plant diseases
plant roots
plant stress
plantar tissues
planting
aquatic **plants**
diatoms (unicellular **plants)**
electric power **plants**
fuel cell power **plants**
industrial **plants**
leguminous **plants**
nuclear power **plants**
photophilic **plants**
pilot **plants**
power **plants**
reeds **(plants)**
solar sea power **plants**
solar thermal electric power **plants**
thermophilic **plants**
trees **(plants)**
plants (botany)
plants (industries)
use industrial plants
argon **plasma**
blood **plasma**
cesium **plasma**
cosmic **plasma**
deuterium **plasma**
electron **plasma**
electrostatic **plasma**
use plasmas (physics)
helium **plasma**
hydrogen **plasma**
magnetoionic **plasma**
use plasmas (physics)
nitrogen **plasma**
oxygen **plasma**
plasma acceleration
Cyclops **plasma** accelerator
plasma accelerators
coaxial **plasma** accelerators
beam **plasma** amplifiers
plasma antennas
plasma arc cutting
plasma arc spraying
use arc spraying
plasma arc welding
plasma arcs
use plasma jets
trapped **plasma** avalanche triggered transit
use TRAPATT devices
plasma bubbles
plasma chemistry
plasma chromatography
use ion mobility spectroscopy
plasma clouds
plasma composition
plasma compression
plasma conductivity
plasma confinement
use plasma control
plasma control
thermal barriers **(plasma** control)
plasma cooling
plasma core reactors
plasma currents
plasma cylinders
plasma decay
plasma density
alpha **plasma** devices
plasma diagnostics
plasma diffusion
plasma diodes
plasma discharges
use plasma jets
plasma dispersion
use plasma diffusion
plasma display devices
plasma drift
plasma dynamics
plasma electrodes
plasma-electromagnetic interaction
plasma engines
two stage **plasma** engines

plasma equilibrium
plasma etching
plasma flow
  use magnetohydrodynamic flow
plasma flux measurement
plasma focus
plasma frequencies
plasma generation
  use plasma generators
plasma generators
plasma guns
plasma heating
space **plasma** H/V interaction experiments
  use SPHINX
plasma instability
  use magnetohydrodynamic stability
plasma interaction experiment
plasma interactions
laser **plasma** interactions
plasma jet synthesis
plasma jet wind tunnels
plasma jets
plasma layers
plasma lifetime
plasma loss
plasma oscillations
plasma-particle interactions
plasma perturbation
  use plasma oscillations
plasma physics
electron runaway (**plasma** physics)
rigid rotors (**plasma** physics)
plasma pinch
plasma potentials
plasma power sources
plasma pressure
plasma probes
microwave **plasma** probes
plasma propulsion
plasma pumping
plasma radiation
solar **plasma** (radiation)
  use solar wind
plasma renin activity
  use immunoassay
plasma resonance
plasma rings
  use toroidal plasmas
plasma sheaths
plasma slabs
plasma sound waves
  use magnetohydrodynamic waves
  plasma waves
plasma spectra
plasma spraying
plasma stability
  use magnetohydrodynamic stability
plasma temperature
plasma theory
  use plasma physics
plasma torches
plasma turbulence
plasma waves
plasmadynamic lasers
plasmaguides
plasmapause
boundary layer **plasmas**
cold **plasmas**
collisional **plasmas**
collisionless **plasmas**
cylindrical **plasmas**
dense **plasmas**
electron-positron **plasmas**
elliptical **plasmas**
high temperature **plasmas**
hot **plasmas**
  use high temperature plasmas
ionized **plasmas**
  use plasmas (physics)
laser **plasmas**
low temperature **plasmas**
  use cold plasmas
metallic **plasmas**
nonequilibrium **plasmas**
nonuniform **plasmas**
rarefied **plasmas**
relativistic **plasmas**
rotating **plasmas**
semiconductor **plasmas**
space **plasmas**
spherical **plasmas**
strongly coupled **plasmas**
tearing modes **(plasmas)**
thermal **plasmas**
toroidal **plasmas**
uranium **plasmas**
Origin of **Plasmas** in Earth Neighborhood
  use OPEN Project
plasmas-in-space payload
plasmas (physics)
plasmasphere
plasmatrons
plasmoids
  use plasmas (physics)
plasmolysis
plasmons
plasters
plastic aircraft structures
plastic anisotropy
plastic bodies
plastic coatings
plastic deformation
plastic fibers
plastic films
  use polymeric films
plastic flow
plastic memory
plastic plates
plastic propellants
plastic properties
plastic shells
plastic tapes
plastic yielding
  use plastic deformation
plasticity
  use plastic properties
plasticizers
plastics
carbon fiber reinforced **plastics**
glass fiber reinforced **plastics**
reinforced **plastics**
plastisols
PLAT system
boiler **plate**
gold **plate**
  use gold coatings
nickel **plate**

plate (metal)
use metal plates
plate theory
Allegheny **Plateau** (US)
Colorado **Plateau** (US)
plateaus
platelets
platens
plates
anisotropic **plates**
annular **plates**
cantilever **plates**
circular **plates**
corrugated **plates**
elastic **plates**
end **plates**
flat **plates**
metal **plates**
microchannel **plates**
multichannel **plates**
use microchannel plates
nonisotropic **plates**
use anisotropic plates
orthotropic **plates**
parallel **plates**
perforated **plates**
photographic **plates**
plastic **plates**
porous **plates**
rectangular **plates**
reinforced **plates**
thick **plates**
thin **plates**
scatter **plates** (optics)
plates (structural members)
plates (tectonics)
Interplanetary Monitoring **Platform**
use IMP
flying **platform** stability
use aerodynamic stability
flying platforms
platforms
data collection **platforms**
flying **platforms**
geostationary **platforms**
use synchronous platforms
inertial **platforms**
ocean data **platforms**
use ocean data acquisitions systems
offshore **platforms**
space **platforms**
space station polar **platforms**
SPAS (ESA **platforms)**
stabilized **platforms**
synchronous **platforms**
polar **platforms** (space stations)
use space station polar platforms
plating
flame **plating**
ion **plating**
platinum
platinum alloys
platinum black
platinum compounds
platinum isotopes
platinum oxides
playas
playbacks

PLC effect
use Portevin-le Chatelier effect
Pleiades cluster
plenum chambers
plethysmography
pleurae
pleurotin
plexiglass (trademark)
use polymethyl methacrylate
plies
use layers
plots
plotters
x-y **plotters**
plotting
plotting instruments
use plotters
plowed fields
use farmlands
plowing
plows
PLSS
use portable life support systems
plug nozzles
plugging
plugs
spark **plugs**
Plum Brook Reactor
plumage
plumbane
use lead compounds
metal hydrides
plumes
plungers
liquid **plus** solid zones
use mushy zones
Pluto atmosphere
Pluto (planet)
Pluto reactors
Pluto satellites
plutonium
plutonium 238
plutonium 239
plutonium 240
plutonium 241
plutonium 244
plutonium alloys
plutonium carbides
use plutonium compounds
plutonium compounds
plutonium fluorides
plutonium isotopes
plutonium oxides
Los Alamos Molten **Plutonium** Reactor
plutonium recycle test reactor
pluviographs
use rain gages
recording instruments
ply orientation
plywood
FM/ **PM** (modulation)
pneumatic circuits
pneumatic control
pneumatic equipment
pneumatic probes
pneumatic reset
use pneumatic control
pneumatics

pneumographs
use pneumography
pneumography
pneumonia
pneumothorax
pnictides
use Group 5A compounds
Pockels effect
use birefringence
pocket mice
gas **pockets**
pods (external stores)
POGO
POGO effects
Pohlhausen method
Pohlhausen solution
use Pohlhausen method
poikilothermia
Poincare problem
Poincare spheres
critical **point**
dew **point**
fire **point**
flash **point**
mirror **point**
stagnation **point**
yield **point**
fixed **point** arithmetic
floating **point** arithmetic
point defects
zero **point** energy
point impact
point matching method (mathematics)
use boundary value problems
point sources
point spread functions
point to point communication
pointers
use dials
pointing control systems
annular suspension and **pointing** system
points
conjugate **points**
freezing **points**
use melting points
inflection **points**
Lagrangian equilibrium **points**
melting **points**
saddle **points**
transition **points**
saddle **points** (game theory)
points (mathematics)
fixed **points** (mathematics)
Poiseuille flow
use laminar flow
poisoning
benzene **poisoning**
beryllium **poisoning**
carbon monoxide **poisoning**
carbon tetrachloride **poisoning**
hydrocarbon **poisoning**
lead **poisoning**
poisoning (reaction inhibition)
poisoning (toxicology)
use toxic diseases
poisons
Poisson density functions
Poisson equation
poisson process
use Poisson density functions
stochastic processes
Poisson ratio
Polaire satellite
use D-2 satellites
Poland
polar auroras
use auroras
polar cap absorption
polar caps
polar coordinates
polar cusps
polar gases
polar ionosphere beacon
use Beacon satellites
polar meteorology
International Solar **Polar** Mission
use Ulysses mission
polar navigation
Polar Orbit Geophysical Observatory
use POGO
polar orbits
space station **polar** platforms
polar platforms (space stations)
use space station polar platforms
polar radio blackout
polar regions
North **Polar** Spur (astronomy)
polar substorms
polar wandering (geology)
polarimeters
polarimetry
astronomical **polarimetry**
Polaris A1 missile
Polaris A2 missile
Polaris A3 missile
polaris missiles
Polaris submarines
use guided missile submarines
polariscopes
Senarmont **polariscopes**
polaritons
polarity
polarization
circular **polarization**
cross **polarization**
dielectric **polarization**
electrolytic **polarization**
elliptical **polarization**
linear **polarization**
optical **polarization**
polarization characteristics
polarization (charge separation)
polarization charts
use graphs (charts)
polarization (waves)
polarization modulation
polarization (spin alignment)
polarization (waves)
polarized elastic waves
polarized electromagnetic radiation
polarized light
polarized radiation
horizontally **polarized** shear waves
use SH waves
polarizers

polarographs
use polarography
polarography
polarons
poles
magnetic **poles**
Regge **poles**
poles (supports)
police
policies
energy **policy**
foreign **policy**
patent **policy**
procurement **policy**
poliomyelitis
Polish TS-11 aircraft
use TS-11 aircraft
polished metals
use metal polishing
polishing
electrolytic **polishing**
use electropolishing
metal **polishing**
vibratory **polishing**
politics
pollen
pollutants
use contaminants
pollution
air **pollution**
environment **pollution**
global air **pollution**
indoor air **pollution**
noise **pollution**
oil **pollution**
soil **pollution**
thermal **pollution**
water **pollution**
pollution control
pollution monitoring
pollution transport
poloidal flux
polonium
polonium 208
polonium 209
polonium 210
polonium compounds
polonium isotopes
polyacetylene
polyacrylates
use acrylic resins
polyacrylonitrile
PAN **(polyacrylonitrile)**
polyamide resins
polyatomic gases
polyatomic molecules
polybenzimidazole
polyblends
use polymer blends
polybrominated biphenyls
polybutadiene
polybutadiene tetranitramine
polycarbonates
polycarbosilanes
polychlorinated biphenyls
polycrystals
polycyclic aromatic hydrocarbons
polycythemia
polyester resins
polyesters
polyether resins
polyetheretherketones
use PEEK
polyethylene terephthalate
polyethylenes
polygonization
polygons
polyhedrons
graphite- **polyimide** composites
polyimide resins
polyimides
polyisobutylene
polyisoprenes
glycidyl azide **polymer**
polymer alloys
use polymer blends
polymer blends
polymer chemistry
polymer matrix composites
polymer physics
polymeric films
polymerization
polymers
conducting **polymers**
coordination **polymers**
high **polymers**
metallosiloxane **polymers**
use organometallic polymers
metalloxane **polymers**
use organometallic polymers
nitrogen **polymers**
organometallic **polymers**
oxetane **polymers**
phosphorus **polymers**
silicon **polymers**
vinyl **polymers**
polymethyl methacrylate
polymorphism
Hermitian **polynomial**
polynomials
Jacobi **polynomials**
use hypergeometric functions
Legendre **polynomials**
use Legendre functions
polynuclear organic compounds
polynucleotides
polyorganosiloxanes
use polysiloxanes
Polyot satellites
polypeptides
polyphenyl ether
polyphenyls
polypropylene
polypyrroles
polyquinoxalines
polysaccharides
polysilanes
polysiloxanes
methyl **polysiloxanes**
polyslips
polystation doppler tracking system
polystyrene
polysulfides
polytetrafluoroethylene
polytopes
polytropic processes
polyurethane foam
polyurethane resins

polyvinyl alcohol
polyvinyl chloride
polyvinyl fluoride
polywater
Pomeranchuk theorem
pomerons
ponderomotive forces
ponds
solar **ponds** (heat storage)
Lake **Pontchartrain** (LA)
Pontiac (MI)
pontryagin principle
swimming **pool** reactors
Livermore **Pool** Type Reactor
population inversion
population theory
populations
porcelain
pores
use porosity
porosity
porous airfoils
use porous boundary layer control
porous boundary layer control
porous materials
porous plates
porous silicon
porous walls
porphines
porphyra
porphyrins
porpoises
portable equipment
portable life support systems
Portevin-le Chatelier effect
ports
ports (openings)
Portugal
Portuguese space program
ill-**posed** problems (mathematics)
improperly-**posed** problems (mathematics)
Poseidon missiles
Poseidon satellite
position
prone **position**
sitting **position**
solar **position**
supine **position**
tracking **(position)**
position errors
orbital **position** estimation
position indicators
plan **position** indicators
PPI **(position** indicators)
spacecraft **position** indicators
position (location)
pulse **position** modulation
position sensing
position (title)
positioning
satellite doppler **positioning**
positioning devices (machinery)
Global **Positioning** System
positive feedback
positive ions
positron annihilation
electron-**positron** annihilation
electron-**positron** pairs
electron-**positron** plasmas

positronium
positrons
Advanced Airborne Command **Post**
use E-4A aircraft
post-blast nuclear radiation
post boost propulsion system
postamplifiers
posterior sections
postflight analysis
postlaunch reports
postmission analysis (spacecraft)
postulates
use axioms
posture
potable liquids
potable water
potassium
liquid **potassium**
potassium 38
potassium 39
potassium 40
potassium alloys
potassium bromides
potassium chlorides
potassium chromates
potassium compounds
potassium hydrides
potassium hydroxides
potassium iodides
potassium isotopes
potassium nitrates
potassium oxides
potassium perchlorates
potassium peroxides
potassium phosphates
potassium silicates
potatoes
potential
bioelectric **potential**
Coulomb **potential**
electric **potential**
gravitational **potential**
use gravitational fields
Klein-Dunham **potential**
Lennard-Jones **potential**
Lienard **potential**
Morse **potential**
nuclear **potential**
nucleon **potential**
Yukawa **potential**
potential energy
potential fields
potential flow
potential gradients
potential theory
contact **potentials**
ionization **potentials**
myoelectric **potentials**
plasma **potentials**
spike **potentials**
potentiometers
potentiometers (instruments)
potentiometers (resistors)
potentiometric analysis
potentiometry
use potentiometric analysis
Potez aircraft
Potomac River Valley (MD-VA-WV)
potting compounds

pouring
metal **powder**
sintered aluminum **powder**
powder metallurgy
powder (particles)
powdered aluminum
powdered metals
use metal powder
power
beamed **power**
use power beaming
electric **power**
fluid **power**
resolving **power**
use resolution
stopping **power**
Systems for Nuclear Auxiliary **Power**
use SNAP
thermal **power**
use turbogenerators
thrust **power**
use thrust
power amplifiers
power beaming
laser **power** beaming
microwave **power** beaming
power conditioning
electric **power** conversion
use electric generators
power converters
power density (electromagnetic)
use radiant flux density
power efficiency
Hallam Nuclear **Power** Facility
HNPF (Hallam Nuclear **Power** Facility)
use Hallam Nuclear Power Facility
power factor controllers
power gain
combined cycle **power** generation
nuclear **power** generation
use nuclear electric power generation
nuclear electric **power** generation
solar **power** generation
use solar generators
thermionic **power** generation
thermoelectric **power** generation
thermonuclear **power** generation
power generators
use electric generators
direct **power** generators
high **power** lasers
power law bodies
power limited spacecraft
power limiters
power lines
power loss
power modules (STS)
Enrico Fermi atomic **power** plant
ML-1 nuclear **power** plant
power plants
electric **power** plants
fuel cell **power** plants
nuclear **power** plants
solar sea **power** plants
solar thermal electric **power** plants
power processing systems
use power conditioning
zero **power** reactor 2
zero **power** reactor 3
zero **power** reactor 6
zero **power** reactor 9
power reactors
nuclear **power** reactors
space **power** reactors
zero **power** reactors
solar **power** satellites
power series
aircraft **power** sources
use aircraft engines
auxiliary **power** sources
plasma **power** sources
solar **power** sources
use solar generators
power spectra
hydroelectric **power** stations
satellite solar **power** stations
power supplies
aircraft **power** supplies
electric **power** supplies
space station **power** supplies
spacecraft **power** supplies
power supply circuits
solar dynamic **power** systems
power transmission
electric **power** transmission
power transmission (lasers)
use laser power beaming
power transmission (microwave)
use microwave power beaming
satellite **power** transmission
superconducting **power** transmission
space **power** unit reactors
chemical auxiliary **power** units
nuclear auxiliary **power** units
solar auxiliary **power** units
man **powered** aircraft
solar **powered** aircraft
tide **powered** generators
powered lift aircraft
tide **powered** machines
waterwave **powered** machines
powered models
nuclear **powered** ships
roadway **powered** vehicles
Poynting-Robertson effect
Poynting theorem
PPI (position indicators)
use plan position indicators
PPM (modulation)
use pulse position modulation
PPY
use polypyrroles
international **practical** temperature
use temperature scales
practices
use procedures
Praesepe star clusters
praetersonic devices
prairies
use grasslands
Prandtl-Meyer expansion
Prandtl number
praseodymium
praseodymium 144
use praseodymium isotopes
praseodymium compounds
praseodymium isotopes

pre-Imbrian period
pre-main sequence stars
preamplifiers
preburners
Precambrian period
precautions
use accident prevention
precession
Larmor **precession**
proton **precession**
vortex **precession**
precious metals
use noble metals
precipitates
precipitation
electron **precipitation**
particle **precipitation**
proton **precipitation**
precipitation (chemistry)
precipitation hardening
dispersion **precipitation** hardening
use precipitation hardening
precipitation (meteorology)
precipitation particle measurement
precipitators
electrostatic **precipitators**
precision
geometric dilution of **precision**
double **precision** arithmetic
precision guided projectiles
preconditioning
precooling
predators
predicate calculus
predicate logic
aircraft noise **prediction**
use noise prediction (aircraft)
ARIP (impact **prediction)**
impact **prediction**
IP (impact **prediction)**
linear **prediction**
noise **prediction**
performance **prediction**
Roshko **prediction**
noise **prediction** (aircraft)
prediction analysis techniques
prediction recording
predictions
flood **predictions**
predictor-corrector methods
predictors
use predictions
automatic rocket impact **predictors**
use computerized simulation
impact prediction
preempting
prefiring tests
crew procedures **(preflight)**
preflight analysis
preflight operations
prefocusing
preforms
pregnancy
preheaters
use heating equipment
preheating
use heating
preimpregnation
prejudices

prelaunch problems
prelaunch summaries
prelaunch tests
spacecraft **prelaunch** tests
use space vehicle checkout program
preloading
use prestressing
premature operation
premixed flames
premixing
preparation
prepolymers
prepregs
preprocessing
presbyopia
preselectors
use preamplifiers
presentation
preservatives
preserving
Presidential reports
presintering
use sintering
presses
rams **(presses)**
pressing
cold **pressing**
hot **pressing**
hot isostatic **pressing**
pressing (forming)
pressors
use vasoconstrictor drugs
pressure
atmospheric **pressure**
barometric **pressure**
use atmospheric pressure
base **pressure**
blood **pressure**
center of **pressure**
critical **pressure**
diastolic **pressure**
differential **pressure**
dynamic **pressure**
electron **pressure**
fluid **pressure**
gas **pressure**
head **(pressure)**
high **pressure**
high altitude **pressure**
hydrostatic **pressure**
inlet **pressure**
internal **pressure**
intracranial **pressure**
intraocular **pressure**
isobars **(pressure)**
isostatic **pressure**
light **pressure**
use illuminance
low **pressure**
lower body negative **pressure**
middle ear **pressure**
osmotic **pressure**
use osmosis
partial **pressure**
plasma **pressure**
radiation **pressure**
sound **pressure**
stagnation **pressure**
static **pressure**

surface **pressure**
use pressure
systolic **pressure**
thrust chamber **pressure**
transition **pressure**
vapor **pressure**
wall **pressure**
water **pressure**
wind **pressure**
pressure breathing
pressure broadening
pressure cabins
use pressurized cabins
pressure chambers
low **pressure** chambers
use vacuum chambers
pressure dependence
pressure distribution
pressure drag
pressure drop
friction **pressure** drop
use skin friction
pressure effects
pressure fields
use pressure distribution
pressure gages
bombs **(pressure** gages)
pressure gradients
pressure heads
pressure ice
Newton **pressure** law
pressure measurement
pressure modulator radiometers
pressure oscillations
high **pressure** oxygen
pressure probes
use pressure sensors
pressure pulses
pressure ratio
pressure recorders
pressure recovery
pressure reduction
pressure regulators
pressure ridges
use pressure ice
pressure sensors
pressure suits
pressure switches
ear **pressure** test
pressure transducers
use pressure sensors
pressure vessel design
pressure vessels
pressure waves
use elastic waves
pressure welding
impact **pressures**
use impact loads
supercritical **pressures**
transient **pressures**
fuel tank **pressurization**
pressurized cabins
pressurized water reactors
pressurizing
Preston tubes
use pitot tubes
speed indicators

prestraining
use prestressing
prestressing
pretests
use tests
pretreatment
pretwisting
use prestressing
twisting
prevaporization
prevention
accident **prevention**
blackout **prevention**
corrosion **prevention**
fire **prevention**
ice **prevention**
prewhirling
prewhitening
Pribram meteorite
heavy cosmic ray **primaries**
use heavy nuclei
primary cosmic rays
primary batteries
primary cosmic rays
primates
primers
engine **primers**
primers (coatings)
primers (explosives)
priming
primitive Earth atmosphere
primitive equations
Prince Edward Island
Prince William Sound (AK)
Princeton sailwings
use sailwings
principal components analysis
Bernstein energy **principle**
cryocycle **principle**
duality **principle**
Fermat **principle**
Franck-Condon **principle**
Huygens **principle**
inertia **principle**
Kirchhoff-Huygens **principle**
use diffraction
wave propagation
Mach inertia **principle**
maximum **principle**
Pauli exclusion **principle**
pontryagin **principle**
Saint Venant **principle**
Schelkunoff **principle**
principles
variational **principles**
printed circuits
printed resistors
printers
printers (data processing)
printing
printouts
priorities
Priroda module
prismatic bars
prisms
privacy
private aircraft
use general aviation aircraft

transition **probabilities**
probability
use probability theory
statistical **probability**
use probability theory
amplitude **probability** analysis
use amplitude distribution analysis
probability density functions
probability distribution functions
probability theory
Galileo **probe**
Huygens **probe**
Lunik 2 lunar **probe**
Lunik 3 lunar **probe**
Lunik 9 lunar **probe**
Lunik 10 lunar **probe**
Lunik 11 lunar **probe**
Lunik 12 lunar **probe**
Lunik 13 lunar **probe**
Lunik 14 lunar **probe**
Lunik 16 lunar **probe**
Lunik 17 lunar **probe**
Lunik 19 lunar **probe**
Lunik 20 lunar **probe**
Lunik 22 lunar **probe**
Mariner 1 space **probe**
Mariner 2 space **probe**
Mariner 3 space **probe**
Mariner 4 space **probe**
Mariner 5 space **probe**
Mariner 6 space **probe**
Mariner 7 space **probe**
Mariner 8 space **probe**
Mariner 9 space **probe**
Mariner 10 space **probe**
Mariner 11 space **probe**
Mariner R 2 space **probe**
Pioneer 1 space **probe**
Pioneer 2 space **probe**
Pioneer 3 space **probe**
Pioneer 4 lunar **probe**
use Pioneer 4 space probe
Pioneer 4 space **probe**
Pioneer 5 space **probe**
Pioneer 6 space **probe**
Pioneer 7 space **probe**
Pioneer 8 space **probe**
Pioneer 9 space **probe**
Pioneer 10 space **probe**
Pioneer 11 space **probe**
Pioneer 12 space **probe**
use Pioneer Venus spacecraft
Pioneer F space **probe**
use Pioneer 10 space probe
Pioneer G space **probe**
use Pioneer 11 space probe
Pioneer Venus 2 night **probe**
Pioneer Venus 2 sounder **probe**
Ranger 1 lunar **probe**
Ranger 2 lunar **probe**
Ranger 3 lunar **probe**
Ranger 4 lunar **probe**
Ranger 5 lunar **probe**
Ranger 6 lunar **probe**
Ranger 7 lunar **probe**
Ranger 8 lunar **probe**
Ranger 9 lunar **probe**
Sunblazer space **probe**
Surveyor 1 lunar **probe**
Surveyor 2 lunar **probe**
Surveyor 3 lunar **probe**
Surveyor 4 lunar **probe**
Surveyor 5 lunar **probe**
Surveyor 6 lunar **probe**
Surveyor 7 lunar **probe**
Zond 1 space **probe**
Zond 2 space **probe**
Zond 3 space **probe**
Zond 4 space **probe**
Zond 5 space **probe**
Zond 6 space **probe**
Zond 7 space **probe**
Zond 8 space **probe**
Gravity **Probe** B
probe method (forecasting)
probes
electron **probes**
electrostatic **probes**
flame **probes**
impedance **probes**
ion **probes**
Jupiter **probes**
Langmuir **probes**
use electrostatic probes
light **probes**
use light beams
LUNA lunar **probes**
use Lunik lunar probes
lunar **probes**
Lunik lunar **probes**
magnetic **probes**
magnetic induction **probes**
use magnetic probes
Mariner space **probes**
Mars **probes**
meteorological **probes**
use sondes
microwave **probes**
microwave plasma **probes**
Pioneer space **probes**
Pioneer Venus 2 entry **probes**
plasma **probes**
pneumatic **probes**
pressure **probes**
use pressure sensors
radio frequency impedance **probes**
Ranger lunar **probes**
resonance **probes**
solar **probes**
space **probes**
Surveyor lunar **probes**
temperature **probes**
Venus **probes**
Zond space **probes**
radio **probing**
Cauchy **problem**
Chapman-Ferraro **problem**
Dining Philosophers **Problem**
Dirichlet **problem**
four body **problem**
isoperimetric **problem**
many body **problem**
Mayer **problem**
N-body **problem**
use many body problem
Neumann **problem**
Poincare **problem**

Riemann **problem**
use Cauchy problem
Saint Venant flexure **problem**
use Saint Venant principle
St Venant flexure **problem**
use Saint Venant principle
three body **problem**
tracking **problem**
traveling salesman **problem**
two body **problem**
problem solving
problems
Bolza **problems**
boundary value **problems**
initial value **problems**
use boundary value problems
operational **problems**
prelaunch **problems**
ill-conditioned **problems** (mathematics)
ill-posed **problems** (mathematics)
improperly-posed **problems** (mathematics)
use ill-posed problems (mathematics)
optical correction **procedure**
procedures
intravenous **procedures**
crew **procedures** (inflight)
crew **procedures** (preflight)
proceedings
use conferences
congressional reports
burning **process**
use combustion
electroslag **process**
ergodic **process**
Fischer-Tropsch **process**
HIP **(process)**
jet membrane **process**
lost wax **process**
use investment casting
Ornstein-Uhlenbeck **process**
poisson **process**
use Poisson density functions
stochastic processes
Umklapp **process**
Verneuil **process**
process control (industry)
beds **(process** engineering)
columns **(process** engineering)
process heat
Kraft **process** (woodpulp)
processes
autoregressive **processes**
irreversible **processes**
isentropic **processes**
isochoric **processes**
isoenergetic **processes**
isopycnic **processes**
isosteric **processes**
use isopycnic processes
isothermal **processes**
lining **processes**
Markov **processes**
nonadiabatic **processes**
use heat transfer
nonisothermal **processes**
periodic **processes**
use cycles
polytropic **processes**
random **processes**
sol-gel **processes**
stencil **processes**
stochastic **processes**
tabulation **processes**
processing
automatic data **processing**
use data processing
batch **processing**
concurrent **processing**
data **processing**
distributed **processing**
food **processing**
frames (data **processing)**
image **processing**
message **processing**
natural language **processing**
onboard data **processing**
optical data **processing**
photographic **processing**
printers (data **processing)**
retort **processing**
signal **processing**
space **processing**
voice data **processing**
word **processing**
Space **Processing** Applications Rocket
information **processing** (biology)
associative **processing** (computers)
parallel **processing** (computers)
vector **processing** (computers)
data **processing** equipment
photographic **processing** equipment
power **processing** systems
use power conditioning
data **processing** terminals
central **processing** units
data **processors**
use data processing equipment
fluidized bed **processors**
massively parallel **processors**
RISC **processors**
site data **processors**
processors (computers)
use central processing units
procurement
government **procurement**
procurement management
procurement policy
gross national **product**
Kronecker **product**
use orthogonality
product development
production
aircraft **production**
biomass energy **production**
fuel **production**
hydrocarbon fuel **production**
hydrogen **production**
kaon **production**
oxygen **production**
pair **production**
particle **production**
production costs
aircraft **production** costs
production engineering
food **production** (in space)
production management

production methods
use production engineering
production planning
ion **production** rates
productivity
products
by- **products**
combustion **products**
fission **products**
petroleum **products**
reaction **products**
proficiency
use abilities
profile method (forecasting)
profiles
airfoil **profiles**
electron density **profiles**
search **profiles**
shock wave **profiles**
temperature **profiles**
velocity **profiles**
use velocity distribution
wind **profiles**
wing **profiles**
magnetotelluric **profiling**
use magnetic surveys
profilometers
progeny
prognosis
Prognoz satellites
ACEE **program**
Agena B Ranger **Program**
Aircraft Energy Efficiency **program**
use ACEE program
Apollo applications **program**
Argentine space **program**
Army-Navy instrumentation **program**
Assess **program**
Australian space **program**
Austrian space **program**
Belgian space **program**
Brazilian space **program**
Canadian space **program**
Chinese space **program**
Comsat **program**
Czechoslovakian space **program**
DAMP **program**
use Downrange Antimissile Measurement Program
Danish space **program**
DAST **program**
defense **program**
Defense Meteorological Satellite **Program**
use DMSP satellites
Downrange Antimissile Measurement **Program**
Earth & Ocean Physics Applications **Program**
Earth Resources **Program**
Earth Resources Survey **Program**
Energy Efficiency Transport **program**
use ACEE program
Finnish space **program**
French space **program**
geographic applications **program**
German space **program**
Global Air Sampling **Program**
Global Atmospheric Research **Program**
Greek space **program**
HITAB **program**
use high alt target and background measurement
Hungarian space **program**
Icelandic space **program**
Indian space **program**
Indonesian space **program**
International Geosphere-Biosphere **program**
interservice data exchange **program**
Israeli space **program**
Italian space **program**
Japanese space **program**
LAMPS **program**
use Light Airborne Multipurpose System
Luxembourg space **program**
Mariner **program**
Mexican space **program**
NASA Structural Analysis **program**
use NASTRAN
National Aerospace Plane **Program**
National Launch Vehicle **Program**
Netherlands space **program**
New Zealand space **program**
Norwegian space **program**
optical satellite tracking **program**
Pakistan space **program**
PANT **program**
Portuguese space **program**
quiet engine **program**
radar target scatter site **program**
RATSCAT **program**
use radar target scatter site program
reactor in flight test **program**
use RIFT (reactor in flight test)
Russian Space **Program**
Saudi Arabian space **program**
SCAR **program**
use supersonic cruise aircraft research
SEASAT **program**
Skylab **program**
space vehicle checkout **program**
Spanish space **program**
Starsite **program**
Swedish space **program**
Swiss space **program**
TACT **program**
TCV **program**
use Terminal Configured Vehicle Program
Terminal Configured Vehicle **Program**
Tilt Rotor Research Aircraft **Program**
Transonic Aircraft Technology **Program**
use TACT program
TRAP **program**
Turkish space **program**
U.S.S.R. space **program**
UK space **program**
university **program**
Viking Mars **program**
program evaluation review technique
use PERT
Integ **Program** for Aerospace Veh Design
use IPAD
computer **program** integrity
program management
use project management

computer **program** reliability
use software reliability
program reliability (computers)
use software reliability
program trend line analysis
program verification (computers)
programmable logic devices
programmed instruction
programmers
programming
computer **programming**
dynamic **programming**
language **programming**
linear **programming**
logic **programming**
mathematical **programming**
nonlinear **programming**
object-oriented **programming**
on-line **programming**
optimum thrust **programming**
use thrust programming
parallel **programming**
quadratic **programming**
structured **programming**
symbolic **programming**
thrust **programming**
programming environments
Ada **(programming** language)
APL **(programming** language)
BASIC **(programming** language)
C **(programming** language)
C++ **(programming** language)
COGO **(programming** language)
COMPASS **(programming** language)
FAB **(programming** language)
Forth **(programming** language)
LISP **(programming** language)
MAP **(programming** language)
Pascal **(programming** language)
Prolog **(programming** language)
programming languages
programming (scheduling)
programs
compiler **programs**
use compilers
computer **programs**
computer systems **programs**
European space **programs**
lunar **programs**
machine-independent **programs**
multiple output **programs**
NASA **programs**
NASA space **programs**
object **programs**
source **programs**
space **programs**
user manuals (computer **programs)**
windows (computer **programs)**
applications **programs** (computers)
progress
progressions
prohibition
Experimental Reflector Orbital Shot **Proj**
Synchronous Communications
Satellite **Proj**
Advent **Project**
AgRISTARS **project**
Alouette **project**
Apollo **project**
Apollo Soyuz test **project**
Argus **project**
ASSET **project**
ATLIT **project**
BIOS **project**
Bumblebee **project**
Centaur **project**
Defender **project**
Echo **project**
eclipse **project**
EROS **project**
use Experimental Reflector Orbital Shot Proj
Galileo **project**
Gemini **project**
Geosan **project**
Harvard Radio Meteor **Project**
Helios **Project**
HICAT **project**
use high resolution coverage antennas
ISCCP **Project**
Jupiter **project**
Mars 69 **project**
Mars 71 **project**
Mercury **project**
National Severe Storms **Project**
NEW MOONS **project**
Nike **project**
Nimbus **project**
OPEN **Project**
Pioneer **project**
Radio Attenuation Measurement **project**
RAM **project**
use Radio Attenuation Measurement project
rand **project**
Ranger **project**
Rover **project**
SAIL **project**
Saturn **project**
Scanner **project**
Scout **project**
Seafarer **project**
SQUID **project**
SUBIC **project**
use Submarine Integrated Control project
Submarine Integrated Control **project**
Success **project**
Surveyor **project**
Tektite **project**
Telstar **project**
Themis **project**
TIROS **project**
Titan **project**
Vanguard **project**
Vega **project**
Venus Radar Mapper **Project**
use Magellan project (NASA)
Voyager **project**
West Ford **project**
project management
Magellan **project** (NASA)
project planning
Project SETI
high altitude sounding **projectile**
use WASP sounding rocket

window atmosphere sounding **projectile**
use WASP sounding rocket
projectile cratering
projectile penetration
use terminal ballistics
projectiles
hypervelocity **projectiles**
precision guided **projectiles**
Sabot **projectiles**
projection
Bonne **projection**
gnomonic **projection**
Mercator **projection**
projective geometry
projectors
projects
research **projects**
prokaryotes
prolate spheroids
prolateness
Prolog (programming language)
prolongation
promethazine
Prometheus
promethium
promethium 146
use promethium isotopes
promethium isotopes
prominences
solar **prominences**
promotion
prone position
accident **proneness**
Prony series
proofs
use proving
prop-fan technology
propagation
acoustic **propagation**
blackout **(propagation)**
crack **propagation**
diffraction **propagation**
electromagnetic **propagation**
use electromagnetic wave transmission
flame **propagation**
ground wave **propagation**
ionospheric **propagation**
ionospheric F-scatter **propagation**
noise **propagation**
radio **propagation**
use radio transmission
radio signal **propagation**
use radio transmission
scatter **propagation**
self **propagation**
shock wave **propagation**
sound **propagation**
stress **propagation**
transequatorial **propagation**
transhorizon radio **propagation**
wave **propagation**
propagation (extension)
propagation modes
propagation velocity
propagators
use propagation
propane
propargyl groups

propellant actuated devices
propellant actuated instruments
propellant additives
propellant binders
propellant casting
propellant chemistry
propellant combustion
solid **propellant** combustion
propellant consumption
propellant decomposition
propellant evaporation
propellant explosions
propellant grains
solid **propellant** ignition
propellant mass ratio
propellant oxidizers
use rocket oxidizers
propellant properties
hybrid **propellant** rocket engines
liquid **propellant** rocket engines
solid **propellant** rocket engines
propellant sensitivity
propellant sprays
propellant storability
propellant storage
propellant tanks
rocket **propellant** tanks
use propellant tanks
propellant tests
propellant transfer
propellants
case bonded **propellants**
colloidal **propellants**
composite **propellants**
cryogenic rocket **propellants**
Domino **propellants**
double base **propellants**
double base rocket **propellants**
GAP **(propellants)**
gaseous rocket **propellants**
gelled **propellants**
gelled rocket **propellants**
gun **propellants**
high energy **propellants**
high temperature **propellants**
HTPB **propellants**
hybrid **propellants**
hypergolic rocket **propellants**
ionic **propellants**
use ion engines
liquid rocket **propellants**
lithergolic **propellants**
use hybrid propellants
metal **propellants**
nitramine **propellants**
plastic **propellants**
rocket **propellants**
RP-1 rocket **propellants**
slurry **propellants**
solid **propellants**
solid rocket **propellants**
storable **propellants**
thixotropic **propellants**
use gelled rocket propellants
nuclear **propelled** aircraft
rocket **propelled** sleds
propeller blades
propeller drive
helicopter **propeller** drive

propeller efficiency
propeller fans
propeller noise
propeller slipstreams
propellers
constant speed **propellers**
use variable pitch propellers
contrarotating **propellers**
ducted **propellers**
use shrouded propellers
shrouded **propellers**
tilted **propellers**
variable pitch **propellers**
properties
acoustic **properties**
asymptotic **properties**
chemical **properties**
creep **properties**
dielectric **properties**
dynamic **properties**
use dynamic characteristics
elastic **properties**
electrical **properties**
electromagnetic **properties**
hygral **properties**
internuclear **properties**
magnetic **properties**
mechanical **properties**
optical **properties**
physical **properties**
plastic **properties**
propellant **properties**
shear **properties**
surface **properties**
tensile **properties**
thermal **properties**
use thermodynamic properties
thermochemical **properties**
thermodynamic **properties**
thermophysical **properties**
transport **properties**
virtual **properties**
structural **properties** (geology)
composition **(property)**
distribution **(property)**
intellectual **property**
propfan technology
use prop-fan technology
prophylaxis
propionic acid
proportion
proportional control
proportional counters
proportional limit
proposals
proprioception
proprioceptors
propulsion
auxiliary **propulsion**
chemical **propulsion**
chemonuclear **propulsion**
use chemical propulsion
nuclear propulsion
dual mode **propulsion**
use hybrid propulsion
electric **propulsion**
electromagnetic **propulsion**
electrostatic **propulsion**
hybrid **propulsion**
interplanetary **propulsion**
use interplanetary spacecraft
rocket engines
ion **propulsion**
jet **propulsion**
laser **propulsion**
low thrust **propulsion**
marine **propulsion**
matter-antimatter **propulsion**
negative matter **propulsion**
nuclear **propulsion**
nuclear electric **propulsion**
photonic **propulsion**
plasma **propulsion**
solar **propulsion**
solar electric **propulsion**
solar thermal **propulsion**
space station **propulsion**
spacecraft **propulsion**
submarine **propulsion**
thermonuclear **propulsion**
use nuclear propulsion
underwater **propulsion**
propulsion system configurations
hot cycle **propulsion** system
use tip driven rotors
propulsion system performance
post boost **propulsion** system
ascent **propulsion** systems
descent **propulsion** systems
man operated **propulsion** systems
MOPS **(propulsion** systems)
personnel **propulsion** systems
use self maneuvering units
propulsive efficiency
propyl compounds
propyl nitrate
propylene
propylene oxide
prospecting
use exploration
prostaglandins
prostate gland
prosthetic devices
protactinium
protactinium 234
use protactinium isotopes
protactinium compounds
protactinium fluorides
protactinium isotopes
protease
protection
acceleration **protection**
circuit **protection**
environment **protection**
eye **protection**
meteoroid **protection**
radiation **protection**
thermal **protection**
vibration **protection**
use vibration isolators
Advanced EVA **Protection** Systems
use AEPS
protective clothing
protective coatings
ceramal **protective** coatings
use cermets
protective coatings

sprayed **protective** coatings
use protective coatings
sprayed coatings
protectors
ear **protectors**
protein crystal growth
protein denaturation
use biopolymer denaturation
protein metabolism
protein synthesis
proteinoids
proteins
Proteus
prothrombin
protium
use light water
protobiology
protocol (computers)
Proton 1 satellite
Proton 2 satellite
Proton 3 satellite
Proton 4 satellite
proton beams
proton belts
proton damage
proton density (concentration)
magnetospheric **proton** density
proton energy
proton flux density
proton impact
proton irradiation
Proton launch vehicle
proton magnetic resonance
proton masers
proton precession
proton precipitation
proton protuberances
proton- **proton** reactions
proton resonance
Proton satellites
proton scattering
proton telescopes
use particle telescopes
protons
recoil **protons**
solar **protons**
protoplanets
protoplasm
protoplasts
protoproteins
protostars
prototypes
protozoa
protractors
protuberances
proton **protuberances**
proustite
Provider aircraft
use C-123 aircraft
proving
theorem **proving**
verification **(proving)**
provisioning
jet **provost** aircraft
proximity
proximity effect (electricity)
PRTR (reactor)
use plutonium recycle test reactor

prussic acid
use hydrocyanic acid
pseudomonas
pseudonoise
pseudopotentials
pseudorandom sequences
psychiatry
military **psychiatry**
use military psychology
social **psychiatry**
psychoacoustics
psycholinguistics
psychological effects
psychological factors
psychological indexes
use psychological tests
psychological sets
psychological tests
psychology
aviation **psychology**
cognitive **psychology**
generalization **(psychology)**
inhibition **(psychology)**
military **psychology**
reinforcement **(psychology)**
retention **(psychology)**
reward **(psychology)**
space **psychology**
stress **(psychology)**
psychometrics
psychomotor performance
psychopharmacology
psychophysics
psychophysiology
evoked response **(psychophysiology)**
workloads **(psychophysiology)**
psychoses
psychosomatics
psychotherapy
psychotic depression
psychotropic drugs
psychrometers
psychrophiles
PTM (modulation)
use pulse time modulation
Ptolemaeus Crater
public address systems
public health
public law
public relations
public speaking
publications
use documents
catalogs **(publications)**
electronic **publishing**
Puck
Puerto Rico
push- **pull** amplifiers
pulleys
pulling
frequency **pulling**
pulling (frequency stability)
use frequency pulling
fiber **pullout**
pulmonary circulation
pulmonary functions
pulmonary lesions
pulsar magnetospheres
pulsars

pulsating flow
use unsteady flow
geomagnetic **pulsations**
pulse amplitude
pulse amplitude modulation
pulse (cardiovascular)
use heart rate
pulse charging
pulse code modulation
differential **pulse** code modulation
pulse communication
pulse compression
pulse diffraction
pulse Doppler radar
pulse duration
pulse duration modulation
pulse frequency modulation
pulse frequency modulation telemetry
pulse generators
pulse heating
pulse height
use pulse amplitude
pulse modulation
pulse position modulation
pulse radar
pulse rate
annular core **pulse** reactors
pulse recorders
use counters
pulse repetition rate
pulse time modulation
pulse width
use pulse duration
pulse width amplitude converters
pulse width modulation
use pulse duration modulation
pulsed jet engines
pulsed laser deposition
pulsed lasers
ultrashort **pulsed** lasers
pulsed radiation
pulsejet engines
pulses
electric **pulses**
electromagnetic **pulses**
picosecond **pulses**
pressure **pulses**
system generated electromagnetic **pulses**
pultrusion
pulverizing
use grinding (comminution)
pumice
pump impellers
pump seals
nuclear **pumped** lasers
solar- **pumped** lasers
pumping
electron **pumping**
laser **pumping**
magnetic **pumping**
maser **pumping**
nuclear **pumping**
optical **pumping**
plasma **pumping**
pumps
axial flow **pumps**
blood **pumps**
centrifugal **pumps**
condensation **pumps**
diffusion **pumps**
electromagnetic **pumps**
flux **pumps**
fuel **pumps**
heat **pumps**
hydraulic **pumps**
use hydraulic equipment
pumps
ion **pumps**
jet **pumps**
molecular **pumps**
rams **(pumps)**
turbine **pumps**
vacuum **pumps**
windpowered **pumps**
punched cards
punched tapes
punches
puncturing
use piercing
pupa
pupil size
pupillometry
pupils
purging
purification
air **purification**
water **purification**
use water treatment
purifiers
use purification
purines
purity
purposes
pursuit tracking
push-pull amplifiers
pushbroom sensor modes
pushing
PWM (modulation)
use pulse duration modulation
pycnometers
pylon mounting
pylons
Pyramid Lake (NV)
pyramidal bodies
pyramids
pyranometers
pyrazines
Pyrenees Mountains (Europe)
pyrenes
Pyrex (trademark)
use borosilicate glass
pyridine nucleotides
pyridines
pyridoxine
pyrimidines
pyrites
Pyroceram (trademark)
pyroelectricity
pyrogen
pyrographalloy
use composite materials
pyrolytic graphite
refractory materials
pyroheliometers
pyrohydrolysis
pyrolysis
pyrolytic graphite
pyrolytic materials

pyrometallurgy
pyrometers
optical **pyrometers**
radiation **pyrometers**
thermocouple **pyrometers**
pyrometry
use temperature measurement
pyrophoric materials
pyrophyllite
pyrotechnics
pyroxenes
pyroxylin
use cellulose nitrate
pyrrhotite
pyrroles
Pyrrones (trademark)
pyruvates

Q

high **Q**
use Q factors
Q devices
Q factors
Q switched lasers
Q values (nuclear physics)
QAM (modulation)
use quadrature amplitude modulation
Qatar
QCD
use quantum chromodynamics
QH–50 helicopter
QPSK
use quadrature phase shift keying
QSO (radio sources)
use quasars
Phoenix **quadrangle** (AZ)
Quadrantid meteoroids
quadrants
quadraphase shift keying
use quadrature phase shift keying
quadratic equations
linear **quadratic** Gaussian control
quadratic programming
linear **quadratic** regulator
quadrature amplitude modulation
quadrature approximation
use quadratures
quadrature phase shift keying
quadratures
quadrupole lenses
use magnetic lenses
quadrupole networks
nuclear **quadrupole** resonance
quadrupoles
quail missile
planetary **quakes**
qualifications
qualitative analysis
flying **qualities**
use flight characteristics
handling **qualities**
use controllability
quality
air **quality**
environmental **quality**
riding **quality**
water **quality**
quality control
TQM **(quality** control)
quality factors
use Q factors
total **quality** management
quantiles
isotopic analysis **(quantitative)**
quantitative analysis
quantity
use amount
level **(quantity)**
quantization
use measurement
flux **quantization**
vector **quantization**
quantizer
use counters
quantum amplifiers
quantum chemistry
quantum chromodynamics
quantum counters
quantum dots
quantum efficiency
quantum electrodynamics
quantum electronics
quantum generators
use stimulated emission devices
superconducting **quantum** interferometers
use squid (detectors)
quantum mechanics
quantum numbers
quantum optics
quantum statistics
quantum theory
squeezed states **(quantum** theory)
quantum well lasers
quantum wells
quantum wires
planetary **quarantine**
mobile **quarantine** facility
quark models
quark parton model
quarks
quarries
use mines (excavations)
quartic equations
quartiles
quartz
quartz crystals
quartz lamps
quartz transducers
quartzite
quasars
Quasat
quasi–particles
quasi–steady states
quasi–stellar radio sources
quasilinearity
use nonlinearity
quaternary alloys
quaternions
Quebec
quefrencies
quenching

flame **quenching**
use extinguishing
quenching (cooling)
quenching (atomic physics)
quenching (cooling)
rapid **quenching** (metallurgy)
automatic repeat **query**
use automatic repeat request
query languages
Questol aircraft
queueing theory
quiet engine program
international **Quiet** Sun Year
quinoline
quinones
quinoxalines
quotients

R

Mariner **R** 2 space probe
R Coronae Borealis stars
W- **R** stars
Marquardt **R4D** engine
R5D aircraft
use C-54 aircraft
R7V aircraft
use C-121 aircraft
RA-28 engine
rabbits
Racah coefficient
race factors
races (anthropology)
racetracks (particle accelerators)
racks
racks (frames)
racks (gears)
racon beacons
use radar beacons
radant
radar
airborne **radar**
airborne surveillance **radar**
angels **(radar)**
bistatic **radar**
use multistatic radar
Cobra Dane **(radar)**
coherent **radar**
continuous wave **radar**
CW **radar**
use continuous wave radar
Doppler **radar**
dual frequency **radar**
use multispectral radar
Earth resources shuttle imaging **radar**
use Shuttle Imaging Radar
European Incoherent Scatter **Radar**
use EISCAT radar system (Europe)
ground penetrating **radar**
imaging **radar**
incoherent scatter **radar**
infrared **radar**
landing **radar**
laser **radar**
use optical radar
meteorological **radar**
monopulse **radar**
MTI **radar**
use moving target indicators
multiple frequency **radar**
use multispectral radar
multispectral **radar**
multistatic **radar**
optical **radar**
over-the-horizon **radar**
pulse **radar**
pulse Doppler **radar**
satellite-borne **radar**
search **radar**
secondary **radar**
Shuttle Imaging **Radar**
side-looking **radar**
space based **radar**
surveillance **radar**
synthetic aperture **radar**
tracking **radar**
weather **radar**
use meteorological radar
radar absorbers
radar altimeters
use radio altimeters
radar antennas
airborne **radar** approach
radar approach control
radar astronomy
radar attenuation
radar beacons
radar beams
radar clutter maps
radar corner reflectors
radar cross sections
radar data
radar detection
radar direction finders
use radio direction finders
radar displays
use radarscopes
radar echoes
lunar **radar** echoes
solar **radar** echoes
Venus **radar** echoes
radar equipment
radar filters
radar geology
radar homing missiles
radar imagery
Venus **Radar** Mapper Project
use Magellan project (NASA)
Venus **Radar** Mapper
use Magellan spacecraft (NASA)
radar maps
radar measurement
radar navigation
radar networks
radar observation
use radar tracking
radar photography
radar range
radar receivers
radar reception
radar reflections
use radar echoes
radar reflectors
radar resolution
radar scanning
radar scattering

radar signatures
Venus orbiting imaging **radar** (spacecraft)
EISCAT **radar** system (Europe)
TRADEX **radar** system
digital **radar** systems
radar target scatter site program
radar targets
HICAT (**radar** technique)
automated **radar** terminal system
radar tracking
radar transmission
radar transmitters
Radarsat
radarscopes
radial distribution
radial drainage patterns
use drainage patterns
radial flow
radial velocity
radiance
radiancy
radiant cooling
radiant energy
use radiation
radiant flux density
radiant heating
radiant intensity
use radiant flux density
radiation
acoustic **radiation**
use sound waves
alpha **radiation**
use alpha particles
atmospheric **radiation**
background **radiation**
beams (**radiation**)
black body **radiation**
Cerenkov **radiation**
circumsolar **radiation**
coherent **radiation**
coherent acoustic **radiation**
coherent electromagnetic **radiation**
continuous **radiation**
corpuscular **radiation**
cosmic **radiation**
use cosmic rays
cyclotron **radiation**
diffraction **radiation**
diffuse **radiation**
Earth **radiation**
use terrestrial radiation
electromagnetic **radiation**
electron **radiation**
extraterrestrial **radiation**
extreme ultraviolet **radiation**
far infrared **radiation**
far ultraviolet **radiation**
galactic **radiation**
gamma **radiation**
use gamma rays
gravitational **radiation**
use gravitational waves
harmonic **radiation**
incident **radiation**
infrared **radiation**
interstellar **radiation**
ion cyclotron **radiation**
ionizing **radiation**
Kirchhoff law of **radiation**
laser **radiation**
use laser beams
light (visible **radiation**)
long wave **radiation**
lunar **radiation**
Lyman alpha **radiation**
Lyman beta **radiation**
microwave **radiation**
use microwaves
modulated continuous **radiation**
monochromatic **radiation**
near infrared **radiation**
near ultraviolet **radiation**
nonequilibrium **radiation**
nonthermal **radiation**
nuclear **radiation**
planetary **radiation**
plasma **radiation**
polarized **radiation**
polarized electromagnetic **radiation**
post-blast nuclear **radiation**
pulsed **radiation**
radio frequency **radiation**
use radio waves
reflected **radiation**
use reflected waves
refracted **radiation**
use refracted waves
relic **radiation**
resonance **radiation**
use resonance fluorescence
short wave **radiation**
sky **radiation**
solar **radiation**
solar corpuscular **radiation**
solar plasma (**radiation**)
space **radiation**
use extraterrestrial radiation
stellar **radiation**
Stokes law of **radiation**
stratosphere **radiation**
synchrotron **radiation**
terrestrial **radiation**
thermal **radiation**
tropospheric **radiation**
ultrasonic **radiation**
ultraviolet **radiation**
vacuum ultraviolet **radiation**
use far ultraviolet radiation
visible **radiation**
use light (visible radiation)
wave **radiation**
use electromagnetic radiation
Solar **Radiation** 1 satellite
Solar **Radiation** 3 satellite
radiation absorption
Radiation and Meteoroid satellite
inner **radiation** belt
outer **radiation** belt
radiation belts
artificial **radiation** belts
Van Allen **radiation** belts
use radiation belts
Earth **radiation** budget
Earth **radiation** budget experiment
radiation chemistry
radiation counters
radiation damage
radiation detectors

silicon **radiation** detectors
radiation distribution
radiation dosage
radiation effects
Combined Release and **Radiation** Effects Sat
use CRRES (satellite)
radiation emission
use radiation
Galactic **Radiation** Exp Background sats
use GREB satellites
radiation exposure
use radiation dosage
radiation fields
use radiation distribution
radiation hardening
radiation hazards
radiation heating
use radiant heating
radiation injuries
radiation intensity
use radiant flux density
radiation laws
radiation measurement
radiation measuring instruments
radiation medicine
use nuclear medicine
Radiation Meteoroid spacecraft
radiation meters
use radiation measuring instruments
radiation noise
use electromagnetic noise
antenna **radiation** patterns
radiation pressure
radiation protection
radiation pyrometers
radiation resistance
use radiation tolerance
radiation shielding
solar **radiation** shielding
radiation sickness
radiation sources
radiation spectra
nuclear **radiation** spectroscopy
radiation therapy
radiation tolerance
radiation transport
radiation trapping
radiative heat transfer
radiative lifetime
radiative recombination
radiative transfer
radiators
condenser **radiators**
use condensers (liquefiers)
heat radiators
heat **radiators**
space **radiators**
use spacecraft radiators
spacecraft **radiators**
amino **radical**
vanadyl **radical**
vinyl **radical**
radicals
free **radicals**
hydroxyl **radicals**
radii
direction finders **(radio)**
radio altimeters
underground **radio** antenna grid (navy)
use Seafarer project
radio antennas
radio astronomy
Radio Astronomy Explorer 2
use Explorer 49 satellite
Radio Astronomy Explorer B
use Explorer 49 satellite
Radio Astronomy Explorer satellite
radio attenuation
Radio Attenuation Measurement project
radio auroras
orbiting **radio** beacon ionospheric sounder
use ORBIS
radio beacons
polar **radio** blackout
radio broadcasting
use broadcasting
radio bursts
solar **radio** bursts
radio communication
radio control
radio detection and ranging
use radar
radio direction finders
radio echoes
radio electronics
radio emission
solar **radio** emission
radio equipment
ultra short wave **radio** equipment
use very high frequency radio equipment
very high frequency **radio** equipment
radio filters
radio frequencies
radio frequency discharge
radio frequency heating
radio frequency impedance probes
radio frequency interference
radio frequency ion thrustor engines
use RIT engines
radio frequency noise
use electromagnetic noise
radio frequency radiation
use radio waves
radio frequency shielding
radio galaxies
radio horizons
radio interference
use radio frequency interference
radio interferometers
Orion **(radio** interferometry network)
radio jets (astronomy)
Harvard **Radio** Meteor Project
radio meteorology
radio meteors
radio navigation
radio observation
radio occultation
radio physics
radio probing
radio propagation
use radio transmission
transhorizon **radio** propagation
radio range

radio ranges
use radio beacons
omnidirectional **radio** ranges
radio receivers
radio reception
radio reflection
use radio echoes
radio relay systems
radio scattering
radio signal attenuation
use radio attenuation
radio signal propagation
use radio transmission
radio signals
radio sources (astronomy)
extragalactic **radio** sources
QSO **(radio** sources)
quasi-stellar **radio** sources
use quasars
radio spectra
radio spectroscopy
radio stars
radio telegraphy
radio telemetry
radio telescopes
radio tracking
radio transmission
short wave **radio** transmission
radio transmitters
radio wave refraction
radio waves
cosmic **radio** waves
use extraterrestrial radio waves
extraterrestrial **radio** waves
galactic **radio** waves
solar **radio** waves
use solar radio emission
radioactive age determination
radioactive contaminants
radioactive dating
use radioactive age determination
radioactive debris
radioactive decay
radioactive elements
use radioactive isotopes
radioactive isotopes
radioactive materials
radioactive nuclides
use radioactive isotopes
radioactive wastes
radioactivity
washout **(radioactivity)**
radiobiology
radiocardiography
radiochemical separation
radiochemistry
radiogenic materials
radiogoniometers
radiography
neutron **radiography**
radioimmunoassay
radioisotope batteries
wildlife **radiolocation**
radiology
radiolysis
radiometeorographs
Advanced Very High Resolution **Radiometer**
AMSU **(radiometer)**
visible infrared spin scan **radiometer**
radiometers
Dicke **radiometers**
Dicke type **radiometers**
use Dicke radiometers
infrared **radiometers**
microwave **radiometers**
passive L-band **radiometers**
pressure modulator **radiometers**
radiometric correction
radiometric rectification
use radiometric correction
radiometric resolution
radionuclides
use radioactive isotopes
radiopathology
radiophosphors
radioprotective agents
use antiradiation drugs
radiosensitivity
use radiation tolerance
radiosondes
radiotelephones
radiotherapy
use radiation therapy
radium
radium 226
radium isotopes
radius
use radii
Larmor **radius**
radome materials
radomes
radon
radon isotopes
Raduga satellite
RAE 1
use Explorer 49 satellite
RAE-1
RAE 2
use Explorer 49 satellite
RAE B
use Explorer 49 satellite
rafts
life **rafts**
rail transportation
railgun accelerators
railroad humping tests
railroads
use rail transportation
rails
rain
acid **rain**
rain erosion
rain forests
rain gages
rain impact damage
rainbows
raindrops
rainmaking
rainstorms
raises
ram
ram accelerators
RAM B launch vehicle
hydrodynamic **ram** effect
ram effect (hydrodynamics)
use hydrodynamic ram effect

RAM project
use Radio Attenuation Measurement project
Raman effect
use Raman spectra
Raman lasers
Raman scattering
use Raman spectra
Raman spectra
Raman spectroscopy
coherent anti-Stokes **Raman** spectroscopy
use Raman spectroscopy
ramjet engines
low volume **ramjet** engines
nuclear **ramjet** engines
supersonic combustion **ramjet** engines
ramjet-in-tube accelerators
ramjet missiles
integral rocket **ramjets**
ramp functions
ramps
ramps (structures)
rams (presses)
rams (pumps)
Ramsauer effect
rand project
random access
random access memory
random distributions
use statistical distributions
random errors
random loads
random noise
random numbers
random processes
random sampling
random signals
random variables
random vibration
random walk
range
dynamic **range**
optical slant **range**
radar **range**
radio **range**
reentry **range**
airborne **range** and orbit determination
range and range rate tracking
intermediate **range** ballistic missiles
short **range** ballistic missiles
Cascade **Range** (CA-OR-WA)
range control
use trajectory control
range errors
range (extremes)
range finders
laser **range** finders
optical **range** finders
range indicators
use range finders
Advanced **Range** Instrumentation Aircraft
Advanced **Range** Instrumentation Ship
range measurement
use rangefinding
long **range** navigation
use loran
short **range** navigation
use Shoran
AROD (**range** -orbit determination)
range resources
range safety
long **range** weather forecasting
Wind River **Range** (WY)
rangefinding
lunar **rangefinding**
rangelands
Rangemaster aircraft
use G-1 aircraft
Navion **Rangemaster** aircraft
use G-1 aircraft
Ranger 1 lunar probe
Ranger 2 lunar probe
Ranger 3 lunar probe
Ranger 4 lunar probe
Ranger 5 lunar probe
Ranger 6 lunar probe
Ranger 7 lunar probe
Ranger 8 lunar probe
Ranger 9 lunar probe
Ranger block 3 television system
Ranger lunar landing vehicles
Ranger lunar probes
Agena B **Ranger** Program
Ranger project
Ranger satellites
use Ranger lunar probes
laser **ranger/tracker**
ballistic **ranges**
frequency **ranges**
missile **ranges**
omnidirectional radio **ranges**
radio **ranges**
use radio beacons
test **ranges**
coastal **ranges** (CA)
Peninsular **Ranges** (CA)
ranges (facilities)
ranging
use rangefinding
radio detection and **ranging**
use radar
sound **ranging**
sound detecting and **ranging**
sound fixing and **ranging**
rank tests
Rankine cycle
Rankine-Hugoniot relation
ranking
Cramer- **Rao** bounds
Raoult law
RAPCON (control)
use radar approach control
Newton- **Raphson** method
rapid ballistics identification
rapid eye movement state
rapid quenching (metallurgy)
rapid solidification
use rapid quenching (metallurgy)
solidification
rapid transit systems
rapids
Cedar **Rapids** (IA)
rare earth alloys
rare earth compounds
rare earth elements
rare gas compounds
rare gases
rare gas-halide lasers

rarefaction
rarefaction waves
use elastic waves
rarefied gas dynamics
rarefied gases
rarefied plasmas
rasers
use masers
raster scanning
bit error **rate**
burning **rate**
drift **rate**
electron decay **rate**
evaporation **rate**
flow **rate**
use flow velocity
flux **(rate)**
heart **rate**
lapse **rate**
loading **rate**
mass flow **rate**
pulse **rate**
pulse repetition **rate**
reaction **rate**
use reaction kinetics
respiratory **rate**
signal fading **rate**
star formation **rate**
strain **rate**
strain energy release **rate**
density **(rate** /area)
transmission **rate** (communications)
counting **rate** computers
rate meters
use measuring instruments
rate of climb indicators
flux **(rate** per unit area)
range and range **rate** tracking
collision **rates**
decay **rates**
ion production **rates**
rates (per time)
ratings
aspect **ratio**
bypass **ratio**
compression **ratio**
fineness **ratio**
fuel-air **ratio**
hematocrit **ratio**
high aspect **ratio**
lift drag **ratio**
likelihood **ratio**
low aspect **ratio**
Mills **ratio**
payload mass **ratio**
Poisson **ratio**
pressure **ratio**
propellant mass **ratio**
scale **(ratio)**
stress **ratio**
temperature **ratio**
thickness **ratio**
thrust-weight **ratio**
void **ratio**
high aspect **ratio** wings
use slender wings
low aspect **ratio** wings
band **ratioing**
ratiometers

rational functions
rations
space **rations**
ratios
carrier to noise **ratios**
indexes **(ratios)**
isotope **ratios**
isotope abundance **ratios**
use isotope ratios
mass **ratios**
mass to light **ratios**
mixing **ratios**
modular **ratios**
signal to noise **ratios**
standing wave **ratios**
rats
RATSCAT program
use radar target scatter site program
Raven helicopter
use OH-23 helicopter
ravines
rawinsondes
gamma **ray** absorptiometry
gamma **ray** absorption
x **ray** absorption
ray acoustics
use geometrical acoustics
cosmic **ray** albedo
x **ray** analysis
x **ray** apparatus
Gamma **Ray** Astronomy Explorer
use Explorer 11 satellite
gamma **ray** astronomy
x **ray** astronomy
Advanced X **Ray** Astrophysics Facility
use X Ray Astrophysics Facility
X **Ray** Astrophysics Facility
gamma **ray** beams
x **ray** binaries
cosmic gamma **ray** bursts
use gamma ray bursts
gamma **ray** bursts
ray casting
use ray tracing
x **ray** density measurement
x **ray** detectors
x **ray** diffraction
x **ray** fluorescence
x **ray** imagery
Low Intensity X **Ray** Imaging Scopes
use lixiscopes
x **ray** inspection
x **ray** irradiation
gamma **ray** lasers
x **ray** lasers
Compton Gamma **Ray** Observatory
use Gamma Ray Observatory
Gamma **Ray** Observatory
ray optics
use geometrical optics
x **ray** optics
heavy cosmic **ray** primaries
use heavy nuclei
primary cosmic rays
x **ray** scattering
cosmic **ray** showers
gamma **ray** sources (astronomy)
x **ray** sources
gamma **ray** spectra

x **ray** spectra
X **ray** spectrography
use x ray spectroscopy
gamma **ray** spectrometers
x **ray** spectrometers
X **ray** spectrometry
use x ray spectroscopy
X **Ray** Spectropolarimetry Payload
use EXPOS (Spacelab payload)
x **ray** spectroscopy
x **ray** stars
x **ray** stress analysis
x **ray** stress measurement
gamma **ray** telescopes
x **ray** telescopes
X **Ray** Timing Explorer
ray tracing
cathode **ray** tubes
x **ray** tubes
Wolf- **Rayet** stars
Rayleigh-Benard convection
Rayleigh distribution
Rayleigh equations
Rayleigh number
Rayleigh-Ritz method
Rayleigh scattering
Rayleigh waves
rayon
rays
cosmic **rays**
cosmic x **rays**
galactic cosmic **rays**
gamma **rays**
lunar **rays**
primary cosmic **rays**
reflected **rays**
use reflected waves
refracted **rays**
use refracted waves
secondary cosmic **rays**
solar cosmic **rays**
solar x- **rays**
x **rays**
Raytheon computers
razor blades
RB-47 aircraft
RB-50 aircraft
RB-57 aircraft
RB-66 aircraft
RBE
use relative biological effectiveness (RBE)
relative biological effectiveness **(RBE)**
RC circuits
RC networks
use RC circuits
RCA-110 computers
RCA computers
RCA Satcom satellites
RCA spectra 70 computer
RCB stars
use R Coronae Borealis stars
RDX
reactance
reactance amplifiers
use parametric amplifiers
reacting flow
chemically **reacting** flow
use reacting flow
reaction
Friedel-Craft **reaction**
Michael **reaction**
Sabatier **reaction**
reaction bonding
reaction control
chemical **reaction** control
reaction-diffusion equations
poisoning **(reaction** inhibition)
reaction jet backpacks
use self maneuvering units
reaction jets
use jet flow
jet thrust
reaction kinetics
reaction products
reaction rate
use reaction kinetics
reaction time
reaction wheels
annihilation **reactions**
association **reactions**
chemical **reactions**
Diels-Alder **reactions**
endothermic **reactions**
exothermic **reactions**
Grignard **reactions**
human **reactions**
ionic **reactions**
metal-water **reactions**
nuclear **reactions**
oxidation-reduction **reactions**
photochemical **reactions**
photonuclear **reactions**
proton-proton **reactions**
recombination **reactions**
surface **reactions**
thermonuclear **reactions**
reactivity
advanced sodium cooled **reactor**
ASCR **reactor**
use advanced sodium cooled reactor
Astron thermonuclear **reactor**
ATR **reactor**
use advanced test reactors
EBR-1 **reactor**
use Experimental Breeder Reactor 1
EBR-2 **reactor**
use Experimental Breeder Reactor 2
EBWR **(reactor)**
EGCR **(reactor)**
EOCR **(reactor)**
Halden **reactor**
use Halden Boiling Water Reactor
Halden Boiling Water **Reactor**
HBWR **reactor**
use Halden Boiling Water Reactor
Health Physics Research **Reactor**
HERO **Reactor**
HFIR **(reactor)**
inertial fusion **(reactor)**
Janus **Reactor**
KIWI B-1 **Reactor**
KIWI B-4 **Reactor**

- LCRE **Reactor**
  - *use* Lithium Cooled Reactor Experiment
- Livermore Pool Type **Reactor**
- Los Alamos Molten Plutonium **Reactor**
- Los Alamos Turret **Reactor**
  - *use* high temperature nuclear reactors
- Los Alamos Water Boiler **Reactor**
- LPTR **Reactor**
  - *use* Livermore Pool Type Reactor
- orgel **reactor**
  - *use* organic cooled reactors
- Pathfinder nuclear **reactor**
- Phoebus nuclear **reactor**
- physical constants testing **reactor**
  - *use* nuclear research and test reactors
  - water cooled reactors
- Plum Brook **Reactor**
- plutonium recycle test **reactor**
- PRTR **(reactor)**
- SNAPTRAN **reactor**
- spectral shift control **reactor**
- SRE **reactor**
  - *use* sodium reactor experiment
- Tory 2 **reactor**
- Tory 2-A **reactor**
- Tory 2-C **reactor**
- zeta thermonuclear **reactor**
- Experimental Breeder **Reactor** 1
- Experimental Breeder **Reactor** 2
- Tower Shielding **Reactor** 2
- zero power **reactor** 2
- zero power **reactor** 3
- zero power **reactor** 6
- zero power **reactor** 9
- **reactor** chemistry
  - *use* radiochemistry
- nuclear **reactor** control
- **reactor** cores
- **reactor** design
- Lithium Cooled **Reactor** Experiment
- sodium **reactor** experiment
- **reactor** fuels
  - *use* nuclear fuels
- **reactor** in flight test program
  - *use* RIFT (reactor in flight test)
- RIFT **(reactor** in flight test)
- **reactor** materials
- **reactor** physics
- **reactor** safety
- offshore **reactor** sites
- **reactor** startup tests
- **reactor** technology
- Transient **Reactor** Test Facility
- **reactors**
- advanced test **reactors**
- annular core pulse **reactors**
- blankets (fission **reactors)**
- blankets (fusion **reactors)**
- boiling water **reactors**
- breeder **reactors**
- chemical **reactors**
- divertors (fusion **reactors)**
- electric **reactors**
- engineering test **reactors**
- ETR **(reactors)**
- experimental boiling water **reactors**
- experimental gas cooled **reactors**
- experimental organic cooled **reactors**
- fast nuclear **reactors**
- fast oxide **reactors**
- fast test **reactors**
- fuel elements (nuclear **reactors)**
- fusion **reactors**
- fusion-fission hybrid **reactors**
- gas **reactors**
- gas cooled **reactors**
- gas cooled fast **reactors**
- gaseous fission **reactors**
- GCR **(reactors)**
- Hanford **reactors**
- heavy water **reactors**
- heavy water components test **reactors**
- high flux beam **reactors**
- high flux isotope **reactors**
- high temperature gas cooled **reactors**
- high temperature nuclear **reactors**
- KIWI **reactors**
- KIWI B **reactors**
- KIWI rocket **reactors**
  - *use* KIWI reactors
- light water **reactors**
- light water breeder **reactors**
- limiters (fusion **reactors)**
- liquid cooled **reactors**
- liquid metal cooled **reactors**
- liquid metal fast breeder **reactors**
- LMCR **(reactors)**
- materials testing **reactors**
  - *use* nuclear research and test reactors
- MCR **reactors**
  - *use* military compact reactors
- military compact **reactors**
- molten salt nuclear **reactors**
- MSRE **reactors**
  - *use* molten salt nuclear reactors
- NRX **reactors**
- nuclear **reactors**
- nuclear power **reactors**
- nuclear research and test **reactors**
- nuclear test **reactors**
  - *use* nuclear research and test reactors
- organic cooled **reactors**
- organic moderated **reactors**
- PBRE **(reactors)**
- pebble bed **reactors**
- plasma core **reactors**
- Pluto **reactors**
- power **reactors**
- pressurized water **reactors**
- saturable **reactors**
- SGR (nuclear **reactors)**
- sodium graphite **reactors**
- space power **reactors**
- space power unit **reactors**
- Spert **reactors**
- SPUR **(reactors)**
- SR **(reactors)**
- swimming pool **reactors**
- thermal **reactors**
- thermionic **reactors**
  - *use* ion engines
  - nuclear rocket engines
- UHTREX (nuclear **reactors)**

water cooled **reactors**
water moderated **reactors**
zero power **reactors**
ZPR **reactors**
use zero power reactors
read-only memory devices
compact disk **read**-only memory devices
readers
reading
lip **reading**
reading machines
use readers
readjustment
use adjusting
readout
data **readout** systems
use data systems
display devices
Karl Fischer **reagent**
reagents
real gases
real numbers
real time operation
real variables
integration (**real** variables)
virtual **reality**
VR (virtual **reality**)
rearward facing steps
use backward facing steps
reattached flow
reattachment
use attachment
REB
use relativistic electron beams
rebreathing
receivers
instrument **receivers**
linear **receivers**
logarithmic **receivers**
radar **receivers**
radio **receivers**
solar **receivers**
use solar collectors
superheterodyne **receivers**
television **receivers**
transmitter **receivers**
receiving
lunar **receiving** laboratory
receiving systems
use receivers
receptacles (containers)
use containers
reception
use receiving
homodyne **reception**
radar **reception**
radio **reception**
signal **reception**
television **reception**
reception diversity
receptors (physiology)
recesses
recession
recharging
reciprocal theorems
reciprocating engines
use piston engines
reciprocation
reciprocity theorem

recirculation
use circulation
recirculative fluid flow
dead **reckoning**
reclamation
water **reclamation**
recognition
automatic pattern **recognition**
use pattern recognition
character **recognition**
machine **recognition**
use artificial intelligence
pattern **recognition**
speech **recognition**
target **recognition**
recoil atoms
recoil ions
recoil protons
recoilings
recombinant DNA
use deoxyribonucleic acid
atomic **recombination**
electron **recombination**
electron-ion **recombination**
ion **recombination**
oxygen **recombination**
radiative **recombination**
recombination coefficient
recombination reactions
hydrogen **recombinations**
recommendations
recompression
use compressing
Advanced **Recon** Electric Spacecraft
reconnaissance
aerial **reconnaissance**
spectral **reconnaissance**
reconnaissance aircraft
light armed **reconnaissance** aircraft
use COIN aircraft
weather **reconnaissance** aircraft
reconnaissance spacecraft
photo **reconnaissance** spacecraft
AIRS (**reconnaissance** sys)
Airborne Integrated **Reconnaissance** System
magnetic field **reconnection**
reconstruction
image **reconstruction**
wave front **reconstruction**
recorders
cable force **recorders**
data **recorders**
flight **recorders**
flight load **recorders**
force vector **recorders**
magnetic tape **recorders**
use magnetic recording
tape recorders
pressure **recorders**
pulse **recorders**
use counters
tape **recorders**
video tape **recorders**
VLF emission **recorders**
weather data **recorders**
whistler **recorders**
recording
data **recording**
magnetic **recording**

photographic **recording**
prediction **recording**
recording heads
recording instruments
electronic **recording** systems
records
records management
recoverability
recoverable launch vehicles
recoverable satellites
use recoverable spacecraft
recoverable spacecraft
recovery
booster **recovery**
gas **recovery**
loop transfer **recovery**
materials **recovery**
oil **recovery**
pressure **recovery**
soft **recovery**
use soft landing
spacecraft **recovery**
water **recovery**
use water reclamation
Discoverer **recovery** capsules
step **recovery** diodes
recovery parachutes
recovery vehicles
recovery zones
recreation
recrystallization
rectangles
rectangular beams
rectangular coordinates
use Cartesian coordinates
rectangular drainage
use drainage patterns
rectangular panels
rectangular planforms
rectangular plates
rectangular waveguides
rectangular wind tunnels
rectangular wings
rectennas
rectification
radiometric **rectification**
use radiometric correction
geometric **rectification** (imagery)
rectifier antennas
use rectennas
rectifiers
crystal **rectifiers**
germanium **rectifiers**
use germanium diodes
photographic **rectifiers**
SCR **(rectifiers)**
silicon **rectifiers**
use crystal rectifiers
silicon controlled **rectifiers**
rectum
recuperators
use regenerators
recursion formulas
use recursive functions
recursive functions
plutonium **recycle** test reactor
recycling
red arcs

red blood cells
use erythrocytes
red dwarf stars
red giant stars
Red Sea
red shift
Jupiter **red** spot
red tide
interstellar **reddening**
use interstellar extinction
Redeye missile
Redox cells
reduced gravity
use microgravity
reduced instruction set computing
use RISC processors
reduced order filters
reduction
cost **reduction**
data **reduction**
drag **reduction**
friction **reduction**
noise **reduction**
pressure **reduction**
sidelobe **reduction**
spin **reduction**
TARE (data **reduction)**
weight **reduction**
reduction (chemistry)
reduction (mathematics)
use optimization
oxidation- **reduction** reactions
redundancy
redundancy encoding
redundant components
redundant structures
use redundant components
Reed-Solomon codes
reeds (plants)
reefs
atoll **reefs**
use coral reefs
coral **reefs**
reels
reentry
hyperbolic **reentry**
hypersonic **reentry**
manned **reentry**
spacecraft **reentry**
reentry bodies
use reentry vehicles
maneuverable **reentry** bodies
Mark 1 **reentry** body
Mark 2 **reentry** body
Mark 3 **reentry** body
Mark 4 **reentry** body
Mark 5 **reentry** body
Mark 6 **reentry** body
Mark 11 **reentry** body
Mark 12 **reentry** body
Mark 17 **reentry** body
reentry breakup
use spacecraft breakup
reentry communication
reentry decoys
reentry effects
reentry gliders
use lifting reentry vehicles
reentry guidance

reentry physics
reentry range
reentry shielding
uncontrolled **reentry** (spacecraft)
reentry trajectories
FDL-5 **reentry** vehicle
HL-10 **reentry** vehicle
HLD-35 **reentry** vehicle
Trailblazer 1 **reentry** vehicle
Trailblazer 2 **reentry** vehicle
X-17 **reentry** vehicle
reentry vehicles
lifting **reentry** vehicles
low observable **reentry** vehicles
model **reference** adaptive control
reference atmospheres
axes **(reference** lines)
reference stars
reference systems
celestial **reference** systems
inertial **reference** systems
references (standards)
use standards
refilling
solvent **refined** coal
refining
electroslag **refining**
zone **refining**
use zone melting
reflectance
bidirectional **reflectance**
spectral **reflectance**
reflected radiation
use reflected waves
reflected rays
use reflected waves
reflected waves
reflecting telescopes
reflection
infrared **reflection**
ionospheric **reflection**
use ionospheric propagation
Mach **reflection**
optical **reflection**
radio **reflection**
use radio echoes
signal **reflection**
specular **reflection**
spread **reflection**
ultraviolet **reflection**
wave **reflection**
reflection coefficient
use reflectance
reflection nebulae
radar **reflections**
use radar echoes
reflectivity
use reflectance
bistatic **reflectivity**
reflectometers
microwave **reflectometers**
Large Deployable **Reflector**
reflector antennas
two **reflector** antennas
distributed Bragg **reflector** lasers
use DBR lasers
Experimental **Reflector** Orbital Shot Proj

reflector satellites
use passive satellites
reflectors
Bragg **reflectors**
Fresnel **reflectors**
parabolic **reflectors**
parasitic **reflectors**
use parasitic elements (antennas)
radar **reflectors**
radar corner **reflectors**
solar **reflectors**
carotid sinus **reflex**
Hering-Breuer **reflex**
reflexes
conditioned **reflexes**
respiratory **reflexes**
reforestation
refracted radiation
use refracted waves
refracted rays
use refracted waves
refracted waves
refracting telescopes
refraction
atmospheric **refraction**
radio wave **refraction**
refractive index
use refractivity
refractivity
refractometers
refractories
refractory coatings
refractory materials
refractory metal alloys
refractory metals
refractory period
Refrasil (trademark)
use fibers
silicon dioxide
refrigerants
refrigerating
refrigerating machinery
refrigerators
Refset
refueling
air to air **refueling**
regeneration
regeneration (engineering)
regeneration (physiology)
regenerative cooling
regenerative cycles
use regeneration (engineering)
regenerative feedback
use positive feedback
regenerative fuel cells
regenerators
Regge poles
regimes
Rossby **regimes**
Caribbean **region**
D **region**
E **region**
F **region**
F 1 **region**
F 2 **region**
Fraunhofer **region**
use far fields
Fresnel **region**
lumbar **region**

M **region**
sciatic **region**
solar transition **region**
stagnation **region**
use stagnation point
Sand Hills **Region** (GA-NC-SC)
Sand Hills **Region** (NE)
Amazon **region** (South America)
Central Atlantic **Region** (US)
Central Atlantic **Regional** Ecol Test Site
First ISCCP **Regional** Experiment
use FIRE (climatology)
regional planning
regions
Antarctic **regions**
Arctic **regions**
equatorial **regions**
H I **regions**
H II **regions**
polar **regions**
remote **regions**
subarctic **regions**
subtropical **regions**
use temperate regions
tropical regions
temperate **regions**
tropical **regions**
registers
shift **registers**
registers (air circulation)
registers (computers)
pattern **registration**
regolith
regression analysis
regression coefficients
regression (statistics)
use regression analysis
regularity
self **regulating**
use automatic control
regulation
use control
body temperature **regulation**
use thermoregulation
frequency **regulation**
use frequency control
gene **regulation**
use gene expression
heat **regulation**
use temperature control
speed **regulation**
use speed control
regulations
linear **regulator**
use linear quadratic regulator
linear quadratic **regulator**
regulators
current **regulators**
flow **regulators**
fuel flow **regulators**
oxygen **regulators**
pressure **regulators**
speed **regulators**
voltage **regulators**
regulatory mechanisms (biology)
Regulus missile
reheating
use heating

reignition
use ignition
particulate **reinforced** composites
boron **reinforced** materials
reinforced plastics
carbon fiber **reinforced** plastics
glass fiber **reinforced** plastics
reinforced plates
reinforced shells
reinforcement
metal whisker **reinforcement**
use whisker composites
reinforcement (psychology)
reinforcement rings
reinforcement (structures)
reinforcing fibers
reinforcing materials
Reissner–Nordstrom solution
Reissner theory
rejection
heat **rejection** devices
use heat radiators
Rankine-Hugoniot **relation**
relational data bases
employee **relations**
government/industry **relations**
human **relations**
international **relations**
interpersonal **relations**
use human relations
public **relations**
stress-strain-time **relations**
Onsager **relationship**
relationships
stress-strain **relationships**
relative biological effectiveness (RBE)
relativistic effects
relativistic electron beams
relativistic particles
relativistic plasmas
relativistic theory
relativistic velocity
relativity
muscle **relaxants**
relaxation
chemical **relaxation**
use molecular relaxation
cross **relaxation**
magnetic **relaxation**
molecular **relaxation**
nuclear **relaxation**
spin-lattice **relaxation**
stress **relaxation**
vibrational **relaxation**
use molecular relaxation
relaxation (mechanics)
relaxation method (mathematics)
relaxation oscillators
relaxation (physiology)
relaxation time
relay
Relay 1 satellite
Relay 2 satellite
Relay satellites
Tracking and Data **Relay** Satellites
use TDR satellites
optical **relay** systems
radio **relay** systems
electric **relays**

fiber **release**
use fiber pullout
store **release**
use external store separation
Combined **Release** and Radiation Effects Sat
use CRRES (satellite)
chemical **release** modules
strain energy **release** rate
releasing
reliability
aircraft **reliability**
circuit **reliability**
component **reliability**
computer program **reliability**
use software reliability
software **reliability**
spacecraft **reliability**
structural **reliability**
reliability analysis
program **reliability** (computers)
use software reliability
reliability control
use quality control
reliability engineering
reliability engineering
relic radiation
relief maps
relief valves
relieving
stress **relieving**
engine **relight** (in-flight)
use air start
relocation
reluctance
reluctivity
use reluctance
remagnetization
use magnetization
remanence
remelting
use melting
supernova **remnants**
remodulation
remote consoles
remote control
remote handling
remote manipulator system
remote regions
remote sensing
Crop Inventories by **Remote** Sensing
use AgRISTARS project
remote sensors
remotely piloted vehicles
removal
carbon dioxide **removal**
grinding (material **removal)**
paint **removal**
material **removal** (machining)
use machining
REMS
use rapid eye movement state
renal calculi
use calculi
renal function
rendezvous
Earth orbital **rendezvous**
EOR **(rendezvous)**
LOR **(rendezvous)**
lunar orbital **rendezvous**
orbital **rendezvous**
satellite **rendezvous**
use orbital rendezvous
space **rendezvous**
spacecraft **rendezvous**
use space rendezvous
Comet **Rendezvous** Asteroid Flyby Mission
rendezvous guidance
Near Earth Asteroid **Rendezvous** Mission
rendezvous spacecraft
rendezvous trajectories
Rene 41
Rene 63
Rene 77
Rene 95
plasma **renin** activity
use immunoassay
renormalization group methods
reorientation
use retraining
satellite **repair**
use orbital servicing
repairing
use maintenance
self **repairing** devices
automatic **repeat** query
use automatic repeat request
automatic **repeat** request
repeaters
repetition
pulse **repetition** rate
replacing
replenishment
replicas
report generators
ice **reporting**
reports
congressional **reports**
postlaunch **reports**
Presidential **reports**
knowledge **representation**
Mandelstam **representation**
representations
nuclear fuel **reprocessing**
reproduction
breeding **(reproduction)**
reproduction (biology)
reproduction (copying)
reproductive systems
reptiles
Central African **Republic**
Chinese Peoples **Republic**
use China
Czech **Republic**
Dominican **Republic**
German Democratic **Republic**
use East Germany
Malagasy **Republic**
use Madagascar
Serbska **Republic**
Republic aircraft
Republic of China
use Taiwan
Democratic **Republic** of Congo
Federal **Republic** of Germany
use West Germany
Peoples Democratic **Republic** of Germany
use East Germany

Republic of Korea
use South Korea
Democratic Peoples **Republic** of Korea
use North Korea
Republic of South Africa
Republic of Vietnam
use Vietnam
repulsion
use force
automatic repeat **request**
automatic **request** for retransmission
use automatic repeat request
requirements
airworthiness **requirements**
use aircraft reliability
caloric **requirements**
energy **requirements**
nutritional **requirements**
user **requirements**
rescue operations
Search and **Rescue** Satellite
use SarSat
research
Committee on Space **Research**
high temperature **research**
low density **research**
market **research**
multidisciplinary **research**
nuclear **research**
operations **research**
supersonic cruise aircraft **research**
urban **research**
research aircraft
meteorological **research** aircraft
Tilt Rotor **Research** Aircraft Program
rotor systems **research** aircraft
research and development
nuclear **research** and test reactors
research facilities
underwater **research** laboratories
research management
Geopotential **Research** Mission
European Space **Research** Organization
use European Space Agency
Indian Space **Research** Organization
use ISRO
European Space **Research** Organization sat
use ESA satellites
Global Atmospheric **Research** Program
research projects
Health Physics **Research** Reactor
Upper Atmosphere **Research** Satellite (UARS)
Environmental **Research** Satellites
Octahedral **Research** Satellites
use Environmental Research Satellites
research vehicles
aeroelastic **research** wings
reserpine
reserves
reservoirs
pneumatic **reset**
use pneumatic control
residential areas
residential energy
residual gas
residual strength
residual stress
residues

resilience
resin bonding
resin film infusion
resin matrix composites
resin transfer molding
resins
acrylic **resins**
addition **resins**
alkyd **resins**
chloroprene **resins**
epoxy **resins**
furan **resins**
ion exchange **resins**
methacrylate **resins**
use acrylic resins
nylon **resins**
use polyamide resins
phenolic **resins**
phenolic epoxy **resins**
polyamide **resins**
polyester **resins**
polyether **resins**
polyimide **resins**
polyurethane **resins**
silicone **resins**
synthetic **resins**
thermoplastic **resins**
thermosetting **resins**
resistance
abrasion **resistance**
contact **resistance**
corrosion **resistance**
creep **resistance**
use creep strength
earthquake **resistance**
electrical **resistance**
fire **resistance**
use flammability
flow **resistance**
fracture **resistance**
use fracture strength
heat **resistance**
use thermal resistance
high **resistance**
impact **resistance**
Kapitza **resistance**
low **resistance**
moisture **resistance**
oxidation **resistance**
radiation **resistance**
use radiation tolerance
shock **resistance**
skin **resistance**
thermal **resistance**
wave **resistance**
wear **resistance**
negative **resistance** circuits
resistance coefficients
use resistance
negative **resistance** devices
resistance heating
resistance thermometers
heat **resistant** alloys
earthquake **resistant** structures
resistivity
use electrical resistivity
electrical **resistivity**
resistojet engines

resistojets
use resistojet engines
resistors
potentiometers **(resistors)**
printed **resistors**
tunnel **resistors**
use electron tunneling
resistors
resolution
angular **resolution**
automatic traffic advisory and **resolution**
high **resolution**
image **resolution**
radar **resolution**
radiometric **resolution**
spatial **resolution**
spectral **resolution**
temporal **resolution**
resolution cell
high **resolution** coverage antennas
Advanced Very High **Resolution** Radiometer
resolvers
resolving power
use resolution
resonance
acoustic **resonance**
baryon **resonance**
cyclotron **resonance**
electron cyclotron **resonance**
electron paramagnetic **resonance**
electron spin **resonance**
use electron paramagnetic
resonance
ferromagnetic **resonance**
ground **resonance**
magnetic **resonance**
magnetosonic **resonance**
mechanical **resonance**
use resonant vibration
meson **resonance**
microwave **resonance**
nuclear magnetic **resonance**
nuclear quadrupole **resonance**
optical **resonance**
paramagnetic **resonance**
plasma **resonance**
proton **resonance**
proton magnetic **resonance**
spin **resonance**
resonance charge exchange
cyclotron **resonance** devices
resonance fluorescence
resonance lines
resonance probes
resonance radiation
use resonance fluorescence
resonance scattering
resonance testing
orbital **resonances** (celestial mechanics)
resonant cavities
use cavity resonators
resonant frequencies
resonant tunneling
resonant vibration
resonators
cavity **resonators**
Helmholtz **resonators**
maser **resonators**
use masers
multimode **resonators**
optical **resonators**
superconducting cavity **resonators**
resource allocation
Multispectral **Resource** Sampler
resources
cultural **resources**
Earth **resources**
extraterrestrial **resources**
geothermal **resources**
human **resources**
Internet **resources**
lunar **resources**
marine **resources**
range **resources**
thermal **resources**
underwater **resources**
water **resources**
Earth **Resources** Experiment Package
use EREP
Earth **Resources** Information System
resources management
information **resources** management
Earth **Resources** Observation Satellites
use EROS (satellites)
Earth **Resources** Program
Earth **resources** shuttle imaging radar
use Shuttle Imaging Radar
Earth **Resources** Survey aircraft
Earth **Resources** Survey Program
Earth **Resources** Technology Satellite 1
use Landsat 1
Earth **Resources** Technology Satellite B
use Landsat 2
Earth **Resources** Technology Satellite C
use Landsat 3
Earth **Resources** Technology Satellite D
use Landsat 4
Earth **Resources** Technology Satellite E
use Landsat E
Earth **Resources** Technology Satellite F
use Landsat F
Earth **Resources** Technology Satellites
use Landsat satellites
respiration
artificial **respiration**
use resuscitation
respirators
respiratory diseases
respiratory impedance
respiratory physiology
respiratory rate
respiratory reflexes
respiratory system
respirometers
responders
use transponders
dynamic **response**
electrodermal **response**
use galvanic skin response
frequency **response**
galvanic skin **response**
modal **response**
phase **response**
use frequency response
phase shift
time **response**

transient **response**
response bias
finite impulse **response** filters
use FIR filters
evoked **response** (psychophysiology)
response time (computers)
responses
conditioned **responses**
use conditioning (learning)
hemodynamic **responses**
physiological **responses**
rest
bed **rest**
work- **rest** cycle
restartable rocket engines
restoration
air bag **restraint** devices
restraints
use constraints
restrictions
use constrictions
chokes **(restrictions)**
resultants
resuscitation
retaining
retardants
fire **retardants**
use flame retardants
flame **retardants**
retarders
retarders (devices)
retarding
retarding ion mass spectrometers
use mass spectrometers
retention
solvent **retention**
retention (psychology)
reticles
reticulocytes
endoplasmic **reticulum**
sarcoplasmic **reticulum**
retina
retinal adaptation
retinal images
retinene
retirement
retirement for cause
RETORC (torpedoes)
use torpedoes
retort processing
retractable equipment
retractable landing gear
use landing gear
retractable equipment
retraining
automatic request for **retransmission**
use automatic repeat request
European **Retrievable** Carrier
use Eureca (ESA)
retrieval
data **retrieval**
information **retrieval**
payload **retrieval** (STS)
payload deployment & **retrieval** system
retroaction
use retrothrust
modulating **retrodirective** optics
use Miros system
retrofiring
retrofitting
acoustic **retrofitting**
retrograde orbits
retroreflection
retroreflectors
lunar **retroreflectors**
retrorocket engines
retrothrust
return beam vidicons
Mars Rover Sample **Return** Mission
use Mars sample return missions
Mars sample **return** missions
return to Earth space flight
Assured Crew **Return** Vehicle
X-38 crew **return** vehicle
reusable heat shielding
X-33 **reusable** launch vehicle
X-34 **reusable** launch vehicle
reusable launch vehicles
reusable rocket engines
reusable spacecraft
MARS (Manned **Reusable** Spacecraft)
Manned Aerodynamic **Reusable** Spaceship
use MARS (Manned Reusable Spacecraft)
reuse
frequency **reuse**
software **reuse**
revenue
reverberation
reverberation chambers
thrust **reversal**
reverse engineering
reverse field pinch
reverse osmosis
reverse time
use reaction time
reversed flow
reversing
program evaluation **review** technique
use PERT
graphic evaluation and **review** techniques
use GERT
reviewing
revisions
bodies of **revolution**
revolution (motion)
use revolving
revolving
reward (psychology)
Reynolds averaging
Reynolds equation
Reynolds law
use Reynolds equation
Reynolds number
critical **Reynolds** number
use Reynolds number
high **Reynolds** number
low **Reynolds** number
Reynolds stress
RF-4 aircraft
RF-8 aircraft
RFI (composite materials)
use resin film infusion
RH-2 helicopter
Rhea (astronomy)
rhenium
rhenium alloys
rhenium compounds

rhenium isotopes
rheocasting
rheoelectrical simulation
rheoencephalography
rheology
rheometers
Rhesus factor
rheumatic diseases
rhizopus
rho-mesons
rhodamine
Rhode Island
Rhodesia
use Zimbabwe
rhodium
rhodium 102
use rhodium isotopes
rhodium 106
use rhodium isotopes
rhodium alloys
rhodium compounds
rhodium isotopes
rhombic antennas
rhombohedrons
rhomboids
Rhone Delta (France)
rhyolite
rhythm
biological **rhythm**
use rhythm (biology)
rhythm (biology)
circadian **rhythms**
diurnal **rhythms**
use circadian rhythms
Block Island Sound **(RI)**
ribbon parachutes
ribbons
riblets
riboflavin
ribonucleic acids
ribose
ribosomal RNA
use ribonucleic acids
ribs (supports)
Costa **Rica**
Riccati equation
rice
Richards theorem
Richardson-Dushman equation
Richardson number
Puerto **Rico**
beam **rider** guidance
Oak **Ridge** isochronous cyclotron
ridges
mid-ocean **ridges**
mid-oceanic **ridges**
use mid-ocean ridges
pressure **ridges**
use pressure ice
riding quality
Cauchy-**Riemann** equations
Riemann integral
use measure and integration
Riemann manifold
Riemann problem
use Cauchy problem
Riemann space
use Riemann manifold

Riemann sphere
use Riemann manifold
Riemann waves
Riesz theorem
rifles
RIFT (reactor in flight test)
African **rift** system
rift valleys
use valleys
rifts
use geological faults
rigging
rigid bodies
use rigid structures
rigid mounting
rigid rotor helicopters
rigid rotors
rigid rotors (plasma physics)
rigid structures
rigid wings
rigidity
magnetic **rigidity**
structural **rigidity**
use structural stability
rills
use valleys
rime
electron **ring** accelerators
use storage rings (particle accelerators)
ring currents
tree **ring** dating
use dendrochronology
ring discharge
ring galaxies
ring lasers
O **ring** seals
ring structures
ring wings
rings
Jupiter **rings**
planetary **rings**
plasma **rings**
use toroidal plasmas
reinforcement **rings**
Saturn **rings**
Uranus **rings**
vortex **rings**
rings (mathematics)
storage **rings** (particle accelerators)
Rio Grande (North America)
riometers
Ostwald **ripening**
ripples
RISC processors
risers
risk
RIT engines
Ritz averaging method
Rayleigh-**Ritz** method
Chena **River** Basin (AK)
Feather **River** Basin (CA)
Columbia **River** Basin (ID-OR-WA)
Wabash **River** Basin (IL-IN-OH)
Atchafalaya **River** Basin (LA)
Susquehanna **River** Basin (MD-NY-PA)
Delaware **River** Basin (US)
Missouri **River** Basin (US)
river basins

Colorado **River** (North America)
Hudson **River** (NY-NJ)
Wind **River** Range (WY)
Mississippi **River** (US)
Missouri **River** (US)
Ohio **River** (US)
Potomac **River** Valley (MD-VA-WV)
rivers
riveted joints
riveting
rivets
RL-10 engines
RL-10-A-1 engine
RL-10-A-3 engine
RL circuits
RLC circuits
RLC networks
use RLC circuits
LR-62-**RM-2** engine
messenger **RNA**
use ribonucleic acids
ribosomal **RNA**
use ribonucleic acids
transfer **RNA**
use ribonucleic acids
roads
roadway powered vehicles
roasting
Poynting-**Robertson** effect
ROBIN balloons
robot arms
robot control
robot dynamics
robot fingers
use end effectors
robot hands
use end effectors
robot motion
use robot dynamics
robot sensors
robotics
arms **(robotics)**
fingers **(robotics)**
hands **(robotics)**
tactile sensors **(robotics)**
task planning **(robotics)**
torque sensors **(robotics)**
robots
robustness (mathematics)
Roche limit
wing **rock**
rock bolts
rock intrusions
rock mechanics
rock salt
use halites
Arcas sounding **rocket**
Black Brant 1 sounding **rocket**
Black Brant 2 sounding **rocket**
Black Brant 3 sounding **rocket**
Black Brant 4 sounding **rocket**
Black Brant 5 sounding **rocket**
Echo 1 carrier **rocket**
use Thor Delta launch vehicle
EXOS sounding **rocket**
Judi-Dart **rocket**
Petrel sounding **rocket**
Phoenix sounding **rocket**
Space Processing Applications **Rocket**
SPAR **(rocket)**
WASP sounding **rocket**
solid **rocket** binders
rocket boosters
use booster rocket engines
Solid **Rocket** Boosters (Space Shuttle)
use Space Shuttle Boosters
SRB (Solid **Rocket** Boosters)
use Space Shuttle Boosters
rocket-borne instruments
rocket-borne photography
rocket catapults
rocket chambers
use thrust chambers
rocket engine 9KS-11000
rocket engine cases
rocket engine control
rocket engine design
F-1 **rocket** engine
rocket engine noise
SL-3 **rocket** engine
rocket engines
booster **rocket** engines
ducted **rocket** engines
electric **rocket** engines
HEUS **rocket** engines
hot water **rocket** engines
hybrid **rocket** engines
hybrid propellant **rocket** engines
liquid oxygen hydrocarbon **rocket** engines
use oxygen-hydrocarbon rocket engines
liquid propellant **rocket** engines
lithergol **rocket** engines
LOX-hydrocarbon **rocket** engines
use oxygen-hydrocarbon rocket engines
Nike booster **rocket** engines
nozzleless **rocket** engines
nuclear **rocket** engines
oxygen-hydrocarbon **rocket** engines
restartable **rocket** engines
reusable **rocket** engines
solid propellant **rocket** engines
sustainer **rocket** engines
ullage **rocket** engines
upper stage **rocket** engines
rocket exhaust
rocket firing
rocket flight
automatic **rocket** impact predictors
use computerized simulation
impact prediction
rocket launchers
rocket launching
rocket linings
rocket motor cases
use rocket engine cases
Advanced Solid **Rocket** Motor (STS)
Space Shuttle Solid **Rocket** Motors
use Space Shuttle Boosters
rocket nose cones
rocket nozzles
rocket oxidizers
rocket planes
rocket propellant tanks
use propellant tanks
rocket propellants
cryogenic **rocket** propellants

double base **rocket** propellants
gaseous **rocket** propellants
gelled **rocket** propellants
hypergolic **rocket** propellants
liquid **rocket** propellants
RP-1 **rocket** propellants
solid **rocket** propellants
rocket propelled sleds
integral **rocket** ramjets
KIWI **rocket** reactors
use KIWI reactors
rocket sondes
use sounding rockets
rocket sounding
rocket test facilities
SERT **(rocket** tests)
space electric **rocket** tests
rocket thrust
spinning unguided **rocket** trajectory
Aerobee **rocket** vehicle
Agena A **rocket** vehicle
Agena B **rocket** vehicle
Agena C **rocket** vehicle
Agena D **rocket** vehicle
Antares **rocket** vehicle
Apache **rocket** vehicle
Arcon **rocket** vehicle
Astrobee 1500 **rocket** vehicle
Athena **rocket** vehicle
Berenice **rocket** vehicle
Black Knight **rocket** vehicle
Blue Scout **rocket** vehicle
Cajun **rocket** vehicle
Dornier paraglider **rocket** vehicle
FFAR **rocket** vehicle
use Folding Fin aircraft rocket vehicle
Folding Fin aircraft **rocket** vehicle
Genie **rocket** vehicle
Honest John **rocket** vehicle
Hyla-Star **rocket** vehicle
Jabiru **rocket** vehicle
use Jaguar rocket vehicle
Jaguar **rocket** vehicle
Javelin **rocket** vehicle
Jupiter C **rocket** vehicle
Kappa 8 **rocket** vehicle
Kappa 9 **rocket** vehicle
Little John **rocket** vehicle
Loki **rocket** vehicle
MB-1 **rocket** vehicle
use Genie rocket vehicle
Meteor 1 **rocket** vehicle
Nike-Apache **rocket** vehicle
Nike-Cajun **rocket** vehicle
Nike-Hydac **rocket** vehicle
Nike-Iroquois **rocket** vehicle
Nike-Javelin **rocket** vehicle
Nike-Tomahawk **rocket** vehicle
Rubis **rocket** vehicle
Skylark **rocket** vehicle
Thor Able **rocket** vehicle
Trailblazer 1 **rocket** vehicle
use Trailblazer 1 reentry vehicle
Trailblazer 2 **rocket** vehicle
use Trailblazer 2 reentry vehicle
Vega **rocket** vehicle
use Vega launch vehicle
Venus fly trap **rocket** vehicle

Viking **rocket** vehicle
Zuni **rocket** vehicle
rocket vehicles
Agena **rocket** vehicles
Arcas **rocket** vehicles
Argo **rocket** vehicles
Astrobee **rocket** vehicles
hovering **rocket** vehicles
Kappa **rocket** vehicles
Lambda **rocket** vehicles
multistage **rocket** vehicles
Nike **rocket** vehicles
nuclear engine for **rocket** vehicles
single stage **rocket** vehicles
Skua **rocket** vehicles
Veronique **rocket** vehicles
rockets
air to air **rockets**
use air to air missiles
Black Brant sounding **rockets**
booster **rockets**
carrier **rockets**
use launch vehicles
control **rockets**
escape **rockets**
meteorological **rockets**
use sounding rockets
Nike **rockets**
sounding **rockets**
staging **(rockets)**
steering **rockets**
use control rockets
surface to surface **rockets**
Vertikal **rockets**
rockoons
rocks
carbonaceous **rocks**
igneous **rocks**
lunar **rocks**
metamorphic **rocks**
sedimentary **rocks**
stones **(rocks)**
Rockwell hardness
Rocky Mountains (North America)
rodents
rods
control **rods**
Roe flux difference splitting scheme
use flux difference splitting
Roentgen satellite
use ROSAT mission
Rogallo wings
use flexible wings
folding structures
Arend- **Roland** comet
multi- **role** combat aircraft
roll
damping in **roll**
use damping
roll control
use lateral control
roll forming
roller bearings
rollers
rolling
cold **rolling**
rolling contact loads
rolling moments

rollup solar arrays
use solar arrays
CD- **ROM**
ROM devices
use read-only memory devices
Romania
Ronchi test
roofs
room temperature
rooms
clean **rooms**
root-mean-square errors
roots
plant **roots**
wing **roots**
roots of equations
cables **(ropes)**
Rorschach tests
ROSAT mission
Rosetta mission
rosette shapes
Roshko prediction
rosin
Ross ice shelf
Rossby regimes
Rossby waves
use planetary waves
rotary drives
use mechanical drives
rotary engines
rotary gyroscopes
rotary stability
rotary wing aircraft
rotary wings
rotating
use rotation
rotating bodies
rotating cylinders
rotating disks
rotating electrical machines
rotating environments
rotating fluids
rotating generators
rotating liquids
rotating matter
rotating mirrors
rotating plasmas
rotating shafts
rotating spheres
rotating stalls
rotating vehicles
use rotating bodies
vehicles
counter- **rotating** wheels
rotation
axes of **rotation**
Carrington **rotation**
use solar rotation
counter **rotation**
Earth **rotation**
Faraday **rotation**
use Faraday effect
galactic **rotation**
image **rotation**
liquid **rotation**
use rotating liquids
lunar **rotation**
molecular **rotation**
muon spin **rotation**
planetary **rotation**
satellite **rotation**
solar **rotation**
solid **rotation**
use rotating bodies
stellar **rotation**
rotational flow
use fluid flow
vortices
rotational spectra
rotational states
Rotifers
rotochutes
rotons
rotor aerodynamics
tilt **rotor** aircraft
rotor blades
hinged **rotor** blades
use hinges
rotary wings
rotor blades (turbomachinery)
rotor body interactions
rotor disks
use turbine wheels
rotor dynamics
fluid **rotor** gyroscopes
rigid **rotor** helicopters
tandem **rotor** helicopters
rotor hubs
use hubs
rotors
rotor lift
Tilt **Rotor** Research Aircraft Program
rotor speed
rotor stator interactions
rotor systems research aircraft
rotorcraft
use rotary wing aircraft
rotordynamics
use rotor dynamics
rotors
bearingless **rotors**
circulation control **rotors**
compressor **rotors**
helicopter **rotors**
use rotary wings
helicopter tail **rotors**
hingeless **rotors**
use rigid rotors
lifting **rotors**
rigid **rotors**
tail **rotors**
tilting **rotors**
tip driven **rotors**
x wing **rotors**
rigid **rotors** (plasma physics)
roughness
sea **roughness**
surface **roughness**
surface **roughness** effects
round trip trajectories
Rouse belts
automated en **route** ATC
routes
routines
assembler **routines**
data conversion **routines**
input/output **routines**
merging **routines**

editing **routines** (computers)
Rover project
Mars **Rover** Sample Return Mission
use Mars sample return missions
roving vehicles
extraterrestrial **roving** vehicles
use roving vehicles
lunar **roving** vehicles
Lunokhod lunar **roving** vehicles
Marsokhod Mars **roving** vehicles
rovings
Rowland circles
RP–1 rocket propellants
RPV
use remotely piloted vehicles
RS codes
use Reed-Solomon codes
experimental STOL transport **rsch** airplane
use Questol aircraft
RTM (composite materials)
use resin transfer molding
RTV–40 rubber (trademark)
RTV–60 rubber (trademark)
Ruanda–Urundi
rubber
silicone **rubber**
rubber coatings
RTV-40 **rubber** (trademark)
RTV-60 **rubber** (trademark)
Viton **rubber** (trademark)
synthetic **rubbers**
rubidium
rubidium 86
rubidium compounds
rubidium isotopes
Rubis rocket vehicle
ruby
ruby lasers
rudders
aerial **rudders**
marine **rudders**
Okazaki-Levy- **Rudenko** comet
ruggedness
Miner **rule**
use Palmgren-Miner rule
Palmgren-Miner **rule**
phase **rule**
Whitham **rule**
ruler method
rules
flight **rules**
IFR **(rules)**
instrument flight **rules**
sum **rules**
VFR **(rules)**
visual flight **rules**
selection **rules** (nuclear physics)
Rumania
use Romania
run time (computers)
electron **runaway** (plasma physics)
Schumann- **Runge** bands
Runge–Kutta method
running
water **runoff**
runoffs
use drainage
takeoff **runs**
aircraft **runup**
runway alignment
runway conditions
runway lights
runways
creep **rupture** strength
stress **rupture** strength
use creep rupture strength
rupturing
rural areas
rural land use
Hertzsprung- **Russell** diagram
Russia
use Russian Federation
Russian Federation
Russian Space Program
rust fungi
rusting
rusts (botany)
use rust fungi
ruthenium
ruthenium 106
use ruthenium isotopes
ruthenium alloys
ruthenium compounds
ruthenium isotopes
rutherfordium
rutile
Rwanda
Ryan aircraft
Rydberg series

S

Saturn **S–1** stage
Saturn **S–1B** stage
Saturn **S–1C** stage
S–2 aircraft
Snow **S–2** aircraft
Saturn **S–2** stage
Snow aerial applicator aircraft **S–2B**
S–3 aircraft
S–3 satellite
Saturn **S–4** stage
Saturn **S–4B** stage
S–6 satellite
S–16 satellite
S–17 satellite
S–18 satellite
S–27 satellite
Beech **S–35** aircraft
S–46 satellite
S–50 satellite
S–51 satellite
S–52 satellite
S–57 satellite
S–58 helicopter
Sikorsky **S–58** helicopter
S–61 helicopter
Sikorsky **S–61** helicopter
S–64 helicopter
Sikorsky **S–64** helicopter
Sikorsky **S–65** helicopter
S–66 satellite
S–67 helicopter
Sikorsky **S–67** helicopter
S–74 satellite
S–A-W devices

S band
use superhigh frequencies
ultrahigh frequencies
unified **S** band
S curves
S glass
HAL/ **S** (language)
S matrix theory
S-N diagrams
S stars
S waves
Saturn 1 **SA-1** launch vehicle
Saturn 1 **SA-2** launch vehicle
Saturn 1 **SA-3** launch vehicle
Saturn 1 **SA-4** launch vehicle
Saturn 1 **SA-5** launch vehicle
Saturn 1 **SA-6** launch vehicle
Saturn 1 **SA-7** launch vehicle
Saturn 1 **SA-8** launch vehicle
Saturn 1 **SA-9** launch vehicle
Saturn 1 **SA-10** launch vehicle
SA-321 helicopter
Sud Aviation **SA-321** helicopter
SA-330 helicopter
Sud Aviation **SA-330** helicopter
Saab 37 aircraft
Saab 105 aircraft
Saab aircraft
Sabatier reaction
Sabot projectiles
sabotage
Sabre aircraft
use F-86 aircraft
Super **Sabre** aircraft
use F-100 aircraft
Sabreliner aircraft
use T-39 aircraft
Saccadic eye movements
saccharides
use carbohydrates
saccharomyces
Sacramento Valley (CA)
saddle points
saddle points (game theory)
saddles
saddles (supports)
Saenger space transportation system
fail- **safe** systems
Safeguard system
safety
aerospace **safety**
aircraft **safety**
flight **safety**
industrial **safety**
range **safety**
reactor **safety**
safety devices
safety factors
toxicity and **safety** hazard
safety management
SAGE air defense system
SAGE satellite
Saginaw Bay (MI)
Sagittarius constellation
Sagnac effect
Saha equations
Spanish **Sahara**
Sahara Desert (Africa)
SAIL project

sailplanes
use gliders
sails
field **sails**
use magnetic sails
magnetic **sails**
solar **sails**
sailwings
Princeton **sailwings**
use sailwings
Saint Elmo fire
Saint Venant flexure problem
use Saint Venant principle
Saint Venant principle
Weinberg- **Salam** Gauge Model
traveling **salesman** problem
salicylates
sodium **salicylates**
salinity
saliva
salivary glands
salmonella
Bethe- **Salpeter** equation
rock **salt**
use halites
salt baths
salt beds
molten **salt** electrolytes
salt flats
use flats (landforms)
Great **Salt** Lake (UT)
molten **salt** nuclear reactors
salt spray tests
Salton Sea (CA)
salts
molten **salts**
organic charge transfer **salts**
El **Salvador**
Salyut space station
Samaritan aircraft
use C-131 aircraft
samarium
samarium compounds
samarium isotopes
Samoa
Samos
Mars Rover **Sample** Return Mission
use Mars sample return missions
Mars **sample** return missions
sampled data systems
Multispectral Resource **Sampler**
samplers
bombs **(samplers)**
samples
Mars surface **samples**
sampling
air **sampling**
core **sampling**
data **sampling**
particulate **sampling**
random **sampling**
soil **sampling**
sampling devices
use samplers
Global Air **Sampling** Program
San Andreas Fault
San Andreas Fault experiment
San Francisco Bay (CA)
San Francisco (CA)

San Joaquin Valley (CA)

San Juan Mountains (CO)

San Marco 1 satellite

San Marco 2 satellite

San Marco 3 satellite

San Marco satellites

San Marino

San Pablo Bay (CA)

sand casting

sand dunes

use dunes

Sand Hills Region (GA-NC-SC)

Sand Hills Region (NE)

Sandpiper target missile

sands

monazite **sands**

tar **sands**

sandstones

sandwich construction

use sandwich structures

sandwich structures

Saenger space transportation system

use Saenger space transportation system

sanitation

Santowax (trademark)

sapphire

silicon-on- **sapphire** junctions

silicon-on- **sapphire** semiconductors

silicon-on- **sapphire** transistors

saprophytes

sarcine

sarcoma

use cancer

sarcoplasmic reticulum

Sargasso Sea

SarSat

SAS

SAS-1

SAS-2

SAS-3

SAS-D

Saskatchewan

Advanced Communications Technology **Sat**

use ACTS

Combined Release and Radiation Effects **Sat**

use CRRES (satellite)

European Space Research Organization **sat**

use ESA satellites

L- **Sat**

National Operational Environmental **Sat** Sys

use NOESS

SATAN (sensor)

use terrain analysis

RCA **Satcom** satellites

A-11 **satellite**

use Echo 1 satellite

A-12 **satellite**

use Echo 2 satellite

AD-A **satellite**

use Explorer 19 satellite

AD/I **satellite**

use Explorer 24 satellite

AE-A **satellite**

use Explorer 17 satellite

AE-B **satellite**

use Explorer 32 satellite

AE-C **satellite**

use Explorer 51 satellite

AE-D **satellite**

use Explorer 54 satellite

AE-E **satellite**

use Explorer 55 satellite

AEROS **satellite**

Akebono **satellite**

use EXOS-D satellite

Alouette 1 **satellite**

Alouette 2 **satellite**

Alouette B **satellite**

Arabian commercial **satellite**

use Arcomsat

Ariel 1 **satellite**

Ariel 2 **satellite**

Ariel 3 **satellite**

Ariel 4 **satellite**

Ariel 5 **satellite**

Astronomical Netherlands **Satellite**

Azur **satellite**

BESS **(satellite)**

Biomedical Experiment Scientific **Satellite**

use BESS (satellite)

Cannonball 2 **satellite**

Communications Technology **Satellite**

COS-B **satellite**

Cosmic Background Explorer **satellite**

Cosmos 2 **satellite**

Cosmos 3 **satellite**

Cosmos 5 **satellite**

Cosmos 6 **satellite**

Cosmos 14 **satellite**

Cosmos 44 **satellite**

Cosmos 54 **satellite**

Cosmos 71 **satellite**

Cosmos 110 **satellite**

Cosmos 137 **satellite**

Cosmos 144 **satellite**

Cosmos 149 **satellite**

Cosmos 166 **satellite**

Cosmos 186 **satellite**

Cosmos 188 **satellite**

Cosmos 206 **satellite**

Cosmos 213 **satellite**

Cosmos 224 **satellite**

Cosmos 225 **satellite**

Cosmos 381 **satellite**

Cosmos 782 **satellite**

Cosmos 936 **satellite**

Cosmos 954 **satellite**

Cosmos 1129 **satellite**

Courier **satellite**

CRRES **(satellite)**

D-1 **satellite**

D-2B **satellite**

use D-2 satellites

DIAL **satellite**

DME-A **satellite**

use Explorer 31 satellite

Dodge **satellite**

Dynamics Explorer 1 **satellite**

Dynamics Explorer 2 **satellite**

Echo 1 **satellite**

Echo 2 **satellite**

Elektron 1 **satellite**

Elektron 2 **satellite**

Elektron 4 **satellite**
ERS-1 (ESA **satellite)**
ERS-2 (esa **satellite)**
ESRO 1 **satellite**
ESRO 2 **satellite**
ESRO 4 **satellite**
ESSA 1 **satellite**
ESSA 2 **satellite**
ESSA 3 **satellite**
ESSA 4 **satellite**
ESSA 5 **satellite**
ESSA 6 **satellite**
ESSA 7 **satellite**
ESSA 8 **satellite**
ESSA 9 **satellite**
European Communications **Satellite**
European Large Telecomm **Satellite**
use L-Sat
EXOS-A **satellite**
Exosat **satellite**
EXOS-B **satellite**
EXOS-C **satellite**
EXOS-D **satellite**
Explorer 1 **satellite**
Explorer 2 **satellite**
Explorer 3 **satellite**
Explorer 4 **satellite**
Explorer 5 **satellite**
Explorer 6 **satellite**
Explorer 7 **satellite**
Explorer 8 **satellite**
Explorer 9 **satellite**
Explorer 10 **satellite**
Explorer 11 **satellite**
Explorer 12 **satellite**
Explorer 14 **satellite**
Explorer 15 **satellite**
Explorer 16 **satellite**
Explorer 17 **satellite**
Explorer 18 **satellite**
Explorer 19 **satellite**
Explorer 20 **satellite**
Explorer 21 **satellite**
Explorer 22 **satellite**
Explorer 23 **satellite**
Explorer 24 **satellite**
Explorer 25 **satellite**
Explorer 26 **satellite**
Explorer 27 **satellite**
Explorer 28 **satellite**
Explorer 29 **satellite**
Explorer 30 **satellite**
Explorer 31 **satellite**
Explorer 32 **satellite**
Explorer 33 **satellite**
Explorer 34 **satellite**
Explorer 35 **satellite**
Explorer 36 **satellite**
Explorer 37 **satellite**
Explorer 38 **satellite**
Explorer 39 **satellite**
Explorer 40 **satellite**
Explorer 41 **satellite**
Explorer 42 **satellite**
use Uhuru satellite
Explorer 43 **satellite**
Explorer 44 **satellite**
Explorer 45 **satellite**
Explorer 46 **satellite**

Explorer 47 **satellite**
Explorer 48 **satellite**
Explorer 49 **satellite**
Explorer 50 **satellite**
Explorer 51 **satellite**
Explorer 52 **satellite**
Explorer 53 **satellite**
Explorer 54 **satellite**
Explorer 55 **satellite**
Extreme Ultraviolet Explorer **satellite**
FR-1 **satellite**
Geodynamic Experimental Ocean **Satellite**
use GEOS-D satellite
GEOS 1 **satellite**
GEOS 2 **satellite**
GEOS 3 **satellite**
GEOS-B **satellite**
use GEOS 2 satellite
GEOS-C **satellite**
use GEOS 3 satellite
GEOS-D **satellite**
Ginga **satellite**
Granat **satellite**
Hawkeye 1 **satellite**
use Explorer 52 satellite
HELOS **(satellite)**
HEOS A **satellite**
HEOS B **satellite**
Hermes **satellite**
use Communications Technology Satellite
High Eccentric Lunar Occultation **Satellite**
use Exosat satellite
Hipparcos **satellite**
IME **satellite**
use International Magnetospheric Explorer
Infrared Astronomy **Satellite**
Injun 1 **satellite**
Injun 3 **satellite**
Injun 4 **satellite**
Injun 5 **satellite**
use Explorer 40 satellite
Inspector **satellite**
Intasat **satellite**
Jikiken **satellite**
use EXOS-B satellite
Kyokko **satellite**
use EXOS-A satellite
LAGEOS **(satellite)**
LARGOS **satellite**
Laser Geodynamic **Satellite**
use LAGEOS (satellite)
LZEEBE **satellite**
Magellan ultraviolet astronomy **satellite**
MagSat 1 **satellite**
Magsat A **satellite**
MagSat B **satellite**
Marisat 1 **satellite**
Maritime Orbital Test **Satellite**
use Marots (ESA)
Meteoroid Technology **Satellite**
use Explorer 46 satellite
METEOSAT **satellite**
Midas 2 **satellite**
Midas 3 **satellite**
Midas 4 **satellite**
Midas 5 **satellite**
Midas 6 **satellite**

Midas 7 **satellite**
Miranda **satellite**
NATO 3B **satellite**
Nimbus 1 **satellite**
Nimbus 2 **satellite**
Nimbus 3 **satellite**
Nimbus 4 **satellite**
Nimbus 5 **satellite**
Nimbus 6 **satellite**
Nimbus 7 **satellite**
NOAA 2 **satellite**
NOAA 3 **satellite**
NOAA 4 **satellite**
NOAA 5 **satellite**
NOAA 6 **satellite**
NOAA 7 **satellite**
NOAA 8 **satellite**
NOAA 9 **satellite**
NOAA 10 **satellite**
NOAA 11 **satellite**
NOAA 12 **satellite**
NOAA 14 **satellite**
NOAA F **satellite**
use NOAA 9 satellite
NOAA G **satellite**
use NOAA 10 satellite
Ohzora **satellite**
use EXOS-C satellite
ORBIS CAL **satellite**
P78-2 **satellite**
use SCATHA satellite
PAGEOS **satellite**
Palapa 2 **satellite**
Palapa B **satellite**
use Palapa 2 satellite
Polaire **satellite**
use D-2 satellites
Poseidon **satellite**
Proton 1 **satellite**
Proton 2 **satellite**
Proton 3 **satellite**
Proton 4 **satellite**
Radiation and Meteoroid **satellite**
Radio Astronomy Explorer **satellite**
Raduga **satellite**
Relay 1 **satellite**
Relay 2 **satellite**
Roentgen **satellite**
use ROSAT mission
S-3 **satellite**
use Explorer 12 satellite
S-6 **satellite**
use Explorer 17 satellite
S-16 **satellite**
use OSO-1
S-17 **satellite**
use OSO-2
S-18 **satellite**
use OAO
S-27 **satellite**
use Alouette 1 satellite
S-49 **satellite**
use OGO-A
S-50 **satellite**
use OGO-C
S-51 **satellite**
use Ariel 1 satellite
S-52 **satellite**
use Ariel 2 satellite
S-57 **satellite**
use OSO-C
S-66 **satellite**
use Beacon Explorer A
S-74 **satellite**
use Explorer 18 satellite
SAGE **satellite**
San Marco 1 **satellite**
San Marco 2 **satellite**
San Marco 3 **satellite**
SCATHA **satellite**
SCORE **satellite**
Search and Rescue **Satellite**
use SarSat
SEASAT-B **satellite**
SEOCS **(satellite)**
Severe Storms Observing **Satellite**
use StormSat satellite
SIRIO **satellite**
SIRS B **satellite**
Snapshot **satellite**
Solar Radiation 1 **satellite**
Solar Radiation 3 **satellite**
Solrad 10 **satellite**
use Explorer 44 satellite
Space Arrow **satellite**
use Cosmos 149 satellite
SPOT (French **satellite)**
Sputnik 1 **satellite**
Sputnik 2 **satellite**
Sputnik 3 **satellite**
Sputnik 4 **satellite**
Sputnik 5 **satellite**
SRET 1 **satellite**
SRET 2 **satellite**
StormSat **satellite**
Synchronous Earth Observatory **satellite**
Synchronous Meteorological **Satellite**
SYNCOM 1 **satellite**
SYNCOM 2 **satellite**
SYNCOM 3 **satellite**
SYNCOM 4 **satellite**
TD-1 **satellite**
Telstar 1 **satellite**
Telstar 2 **satellite**
Tenma **satellite**
TIROS 1 **satellite**
TIROS 2 **satellite**
TIROS 3 **satellite**
TIROS 4 **satellite**
TIROS 5 **satellite**
TIROS 6 **satellite**
TIROS 7 **satellite**
TIROS 8 **satellite**
TIROS 9 **satellite**
TIROS 10 **satellite**
TIROS D **satellite**
use TIROS 4 satellite
TIROS E **satellite**
use TIROS 5 satellite
TIROS F **satellite**
use TIROS 6 satellite
TIROS G **satellite**
use TIROS 7 satellite
TIROS H **satellite**
use TIROS 8 satellite

TIROS wheel **satellite**
use TIROS 9 satellite
Tournesole **satellite**
use D-2 satellites
TRAAC **satellite**
use Transit Attitude Control satellite
Transit Attitude Control **satellite**
UARS **(satellite)**
Uhuru **satellite**
UK 4 **satellite**
Vanguard 1 **satellite**
Vanguard 2 **satellite**
Vanguard 3 **satellite**
Venera 2 **satellite**
Venera 3 **satellite**
Venera 4 **satellite**
Venera 5 **satellite**
Venera 6 **satellite**
Venera 7 **satellite**
Venera 8 **satellite**
Venera 9 **satellite**
Venera 10 **satellite**
Venera 11 **satellite**
Venera 12 **satellite**
Earth Resources Technology **Satellite** 1
use Landsat 1
Small Astronomy **Satellite** 1
use SAS-1
Small Astronomy **Satellite** 2
use SAS-2
Small Astronomy **Satellite** 3
use SAS-3
satellite altimetry
Satellite and Missile Observation System
use Samos
satellite antennas
satellite atmospheres
satellite attitude control
Discos **(satellite** attitude control)
satellite attitude disturbance
use attitude stability
spacecraft stability
Earth Resources Technology **Satellite** B
use Landsat 2
Geostationary Operatl Environ **Satellite** B
use GOES 2
satellite-borne instruments
satellite-borne photography
satellite-borne radar
satellite breakup
use spacecraft breakup
Earth Resources Technology **Satellite** C
use Landsat 3
satellite capture
use spacecraft recovery
International **Satellite** Cloud Climatology
use ISCCP Project
satellite clusters
use satellite constellations
satellite communication
Fleet **Satellite** Communication System
satellite communications ships
domestic **satellite** communications systems
satellite configurations
satellite constellations
satellite control

Earth Resources Technology **Satellite** D
use Landsat 4
satellite defense
use spacecraft defense
satellite design
satellite doppler positioning
satellite drag
Earth Resources Technology **Satellite** E
use Landsat E
Maritime Communication **Satellite** (ESA)
use Marots (ESA)
Orbital Test **Satellite** (ESA)
use OTS (ESA)
Earth Resources Technology **Satellite** F
use Landsat F
satellite fragmentation
use spacecraft breakup
International **Satellite** Geodesy Experiment
satellite ground support
satellite ground tracks
satellite guidance
satellite imagery
satellite instruments
satellite interceptors
satellite launching
use spacecraft launching
satellite lifetime
dielectronic **satellite** lines
use resonance lines
satellite maneuvers
use spacecraft maneuvers
satellite navigation systems
satellite networks
satellite observation
satellite orbit calculation
use orbit calculation
satellite orbits
satellite orientation
AMPS **(satellite** payload)
satellite perturbation
satellite power transmission
Defense Meteorological **Satellite** Program
use DMSP satellites
Synchronous Communications **Satellite** Proj
satellite rendezvous
use orbital rendezvous
satellite repair
use orbital servicing
satellite rotation
land mobile **satellite** service
satellite solar energy conversion
satellite solar power stations
satellite sounding
satellite surfaces
Global Orbiting Navigation **Satellite** Sys
use GLONASS
Defense Communications **Satellite** System
National Oceanic **Satellite** System
TIROS operational **satellite** system
Small **Satellite** Technology Initiative
use small satellite technology
small **satellite** technology
satellite television
satellite temperature
satellite tracking
Satellite Tracking and Data Acq Network
use STDN (network)
STADAN **(satellite** tracking network)

optical **satellite** tracking program
satellite-to- **satellite** tracking
satellite transmission
Upper Atmosphere Research **Satellite** (UARS)
satellites
active **satellites**
aeronautical **satellites**
Aerosat **satellites**
Alouette **satellites**
AMPTE **(satellites)**
Anik **satellites**
ANNA **satellites**
Applications Explorer **Satellites**
Applications Technology **Satellites**
use ATS
Ariel **satellites**
artificial **satellites**
astronomical **satellites**
Beacon **satellites**
communication **satellites**
ComStar **satellites**
Cosmos **satellites**
D-2 **satellites**
DBS **(satellites)**
Diademe **satellites**
direct broadcast **satellites**
Discoverer **satellites**
DMSP **satellites**
Dynamics Explorer **satellites**
Early Bird **satellites**
Earth Resources Observation **Satellites**
use EROS (satellites)
Earth Resources Technology **Satellites**
use Landsat satellites
Echo **satellites**
Elektron **satellites**
Engineering Test **Satellites**
Environmental Research **Satellites**
EOLE **satellites**
EROS **(satellites)**
ESA **satellites**
ESRO **satellites**
use ESA satellites
ESSA **satellites**
ETS series **satellites**
use Engineering Test Satellites
evasive **satellites**
EXOS **satellites**
Explorer **satellites**
French **satellites**
Galilean **satellites**
geodetic **satellites**
GEOLE **satellites**
geophysical **satellites**
Geosat **satellites**
geostationary **satellites**
use synchronous satellites
GOES **satellites**
gravity gradient **satellites**
Gravsat **satellites**
use Geopotential Research Mission
GREB **satellites**
Hawkeye **satellites**
Helios **satellites**
HEOS **satellites**
Highly Eccentric Orbit **satellites**
use HEOS satellites
icy **satellites**
Improved TIROS Operational **Satellites**
use ITOS satellites
Injun **satellites**
INMARSAT **satellites**
INSAT **satellites**
use Indian spacecraft
Intelsat **satellites**
Intercosmos **satellites**
IRIS **satellites**
ISIS **satellites**
ITOS **satellites**
Jupiter **satellites**
Landsat **satellites**
LES **(satellites)**
Lincoln Experimental **Satellites**
Location of Air Traffic **Satellites**
use LOCATES system
LOFTI **satellites**
use low frequency transionospheric satellites
low frequency transionospheric **satellites**
lunar **satellites**
MagSat **satellites**
Marecs maritime **satellites**
Marisat **satellites**
maritime **satellites**
Mars **satellites**
meteorological **satellites**
Micrometeoroid Explorer **satellites**
Midas **satellites**
Molniya **satellites**
natural **satellites**
navigation **satellites**
navigation technology **satellites**
NAVSTAR **satellites**
Neptune **satellites**
Nimbus **satellites**
NOAA **satellites**
Nova **satellites**
Octahedral Research **Satellites**
use Environmental Research Satellites
OV-1 **satellites**
OV-2 **satellites**
OV-3 **satellites**
OV-4 **satellites**
OV-5 **satellites**
Palapa **satellites**
passive **satellites**
Pegasus **satellites**
PEOLE **satellites**
perigee-apogee **satellites**
use PAS
planetary **satellites**
use natural satellites
Pluto **satellites**
Polyot **satellites**
Prognoz **satellites**
Proton **satellites**
Ranger **satellites**
use Ranger lunar probes
RCA Satcom **satellites**
recoverable **satellites**
use recoverable spacecraft
reflector **satellites**
use passive satellites
Relay **satellites**
San Marco **satellites**
Saturn **satellites**

scientific **satellites**
SEASAT **satellites**
Shuttle pallet **satellites**
Skynet **satellites**
Small Astronomy **Satellites**
use SAS
small scientific **satellites**
solar power **satellites**
Soviet **satellites**
Spartan **satellites**
Sputnik **satellites**
SRET **satellites**
Symphonie **satellites**
synchronous **satellites**
Synchronous Communication **Satellites**
use SYNCOM satellites
SYNCOM **satellites**
TD **satellites**
TDR **satellites**
Telstar **satellites**
tethered **satellites**
TIROS **satellites**
TIROS N series **satellites**
Tracking and Data Relay **Satellites**
use TDR satellites
Transit **satellites**
UK **satellites**
United Kingdom **satellites**
use UK satellites
Uranus **satellites**
Vanguard **satellites**
Vela **satellites**
Venera **satellites**
Westar **satellites**
GEOS **satellites** (ESA)
GEOS **satellites** (ESRO)
use GEOS satellites (ESA)
Galactic Radiation Exp
Background **sets**
use GREB satellites
Geostationary Operational Environ **Sets**
use GOES satellites
International **Sets** for Ionospheric Study
use ISIS satellites
saturable reactors
saturated hydrocarbons
use alkanes
saturation
saturation (chemistry)
Saturn
Saturn 1 launch vehicles
Saturn 1 SA-1 launch vehicle
Saturn 1 SA-10 launch vehicle
Saturn 1 SA-2 launch vehicle
Saturn 1 SA-3 launch vehicle
Saturn 1 SA-4 launch vehicle
Saturn 1 SA-5 launch vehicle
Saturn 1 SA-6 launch vehicle
Saturn 1 SA-7 launch vehicle
Saturn 1 SA-8 launch vehicle
Saturn 1 SA-9 launch vehicle
Saturn 1 workshop
Saturn 1B launch vehicles
Saturn 2 launch vehicles
Saturn 5 launch vehicles
Saturn 5 workshop
Saturn atmosphere
Saturn D launch vehicle
Mariner Jupiter- **Saturn** flyby
Saturn launch vehicles
Saturn (planet)
Saturn project
Saturn rings
Saturn S-1 stage
Saturn S-1B stage
Saturn S-1C stage
Saturn S-2 stage
Saturn S-4 stage
Saturn S-4B stage
Saturn satellites
Pioneer **Saturn** spacecraft
use Pioneer 11 space probe
Saturn stages
Saturn workshops
Saudi Arabia
Saudi Arabian space program
Savage aircraft
use A-2 aircraft
Savannah nuclear ship
savannahs
use grasslands
saws
sawtooth waveforms
Sand Hills Region (GA-NC- **SC)**
SC–1 aircraft
Short **SC–1** aircraft
SC–5 aircraft
Short **SC–5** aircraft
SC–7 aircraft
Short **SC–7** aircraft
scalar magnetic charge
use magnetic charge density
scalars
scale
fahrenheit temperature **scale**
use temperature scales
gray **scale**
Taylor manifest anxiety **scale**
scale (corrosion)
scale effect
scale height
large **scale** integration
medium **scale** integration
very large **scale** integration
scale models
scale (ratio)
full **scale** tests
scalers
temperature **scales**
scaling
scaling laws
scalloping
visible infrared spin **scan** radiometer
Scandinavia
scandium
scandium 46
use scandium isotopes
scandium compounds
scandium isotopes
scandium oxides
CAT **scanner**
use computer aided tomography
Coastal Zone Color **Scanner**
ocean color **scanner**
Scanner project
scanners
flying spot **scanners**
horizon **scanners**

infrared **scanners**
infrared horizon **scanners**
use horizon scanners
infrared scanners
MUBIS **(scanners)**
multiple beam interval **scanners**
multispectral band **scanners**
optical **scanners**
ultrasonic **scanners**
scanning
conical **scanning**
frequency **scanning**
panoramic **scanning**
radar **scanning**
raster **scanning**
microwave **scanning** beam landing system
scanning devices
use scanners
scanning electron microscopy
scanning laser acoustic microscope (SLAM)
use acoustic microscopes
scanning tunneling microscopy
scapula
SCAR program
use supersonic cruise aircraft research
scarfing
scarps
use escarpments
scars
scars (geology)
use erosion
SCAT
use supersonic commercial air transport
SCATHA satellite
scatter plates (optics)
scatter propagation
ionospheric F- **scatter** propagation
European Incoherent **Scatter** Radar
use EISCAT radar system (Europe)
incoherent **scatter** radar
radar target **scatter** site program
scatterers
use scattering
scattering
acoustic **scattering**
atmospheric **scattering**
coherent **scattering**
elastic **scattering**
electromagnetic **scattering**
electron **scattering**
forward **scattering**
incoherent **scattering**
inelastic **scattering**
inverse **scattering**
ion **scattering**
light **scattering**
lunar **scattering**
use diffuse radiation
lunar radar echoes
microwave **scattering**
Mie **scattering**
neutron **scattering**
nuclear **scattering**
nucleon-nucleon **scattering**
proton **scattering**
radar **scattering**
radio **scattering**
Raman **scattering**
use Raman spectra
Rayleigh **scattering**
resonance **scattering**
Thomson **scattering**
tropospheric **scattering**
wave **scattering**
x ray **scattering**
scattering amplitude
scattering coefficients
scattering cross sections
scattering functions
deep **scattering** layers
scattering matrix
use S matrix theory
light **scattering** meters
scatterometers
scavenging
SCCF
use Solar Cell Calibration Facility
scene analysis
scenedesmus
SCF
use self consistent fields
Schach effect
Schauder fixpoint theorem
schedules
scheduling
programming **(scheduling)**
scheelite
Schelkunoff principle
schematics
use circuit diagrams
Roe flux difference splitting **scheme**
use flux difference splitting
ENO **schemes**
use essentially non-oscillatory schemes
essentially non-oscillatory **schemes**
total variation diminishing **schemes**
use TVD schemes
TVD **schemes**
upwind **schemes** (mathematics)
Debye- **Scherrer** method
Schiff bases
use imines
schist
schizophrenia
Schleicher aircraft
Tollmien- **Schlichting** waves
Schlieren photography
Schmidt cameras
Kalman- **Schmidt** filtering
Schmidt method
Schmidt number
Schmidt telescopes
schools
schools (fish)
Schottky barrier diodes
use Schottky diodes
Schottky diodes
Schottky effect
use work functions
schreibersite
Bardeen-Cooper- **Schrieffer** theory
Schroedinger equation
Schuler tuning
Schumann-Runge bands

Schwartz inequality
Schwartz method
Schwarz–Christoffel transformation
Schwarzschild antennas
Schwarzschild metric
Schwassmann–Wachmann comet
sciatic region
science
materials **science**
medical **science**
soil **science**
aerospace **sciences**
culture (social **sciences)**
Earth **sciences**
forensic **sciences**
use law (jurisprudence)
life **sciences**
physical **sciences**
space **sciences**
use aerospace sciences
scientific instrument modules
use SIM
Lunar Surface **Scientific** Modules
use LSSM
Biomedical Experiment **Scientific** Satellite
use BESS (satellite)
scientific satellites
small **scientific** satellites
local **scientific** survey module
scientific visualization
scientists
Scimitar aircraft
Vickers **Scimitar** aircraft
use Scimitar aircraft
scintillating fibers
scintillation
scintillation counters
scintillation fibers
use scintillating fibers
scintillators
use scintillation counters
scintillometers
use scintillation counters
scission
use cleavage
scoops
Low Intensity X Ray Imaging **Scopes**
use lixiscopes
scopolamine
use hyoscine
SCORE omnirange
use self calibrating omnirange
SCORE satellite
scoring
Scorpio constellation
use Scorpius constellation
Scorpius constellation
Scotchlite (trademark)
Nova **Scotia**
Scotland
Scout helicopter
use P-531 helicopter
Scout launch vehicle
Scout project
Blue **Scout** rocket vehicle
SCPC transmission
use single channel per carrier transmission

SCR (rectifiers)
use silicon controlled rectifiers
SCRAM
scrambling (communication)
scramjet engines
use supersonic combustion ramjet engines
scramjets
use supersonic combustion ramjet engines
scrap
scrapers
screen effect
screening
screens
sizing **screens**
screw dislocations
screw pinch
screws
scribing
use scoring
scrubbers
scrubbing
use washing
scrubs (botany)
use brush (botany)
Scutum constellation
Scylla
Black Hills **(SD** -WY)
SDP (computers)
use site data processors
SDS 900 series computers
SDS 930 computer
SDS 9300 computer
SDV
use Shuttle Derived Vehicles
SE–210 aircraft
Sud Aviation **SE–210** aircraft
SE–3160 helicopter
Sud Aviation **SE–3160** helicopter
SE–A
Adriatic **Sea**
Arabian **Sea**
Baltic **sea**
Barents **Sea**
Bering **Sea**
Black **Sea**
Caribbean **Sea**
Caspian **Sea**
Chukchi **Sea**
Mediterranean **Sea**
North **Sea**
Red **Sea**
Sargasso **Sea**
sea breeze
Salton **Sea** (CA)
sea floor spreading
sea grasses
sea ice
air **sea** ice interactions
air **sea** interactions
use air water interactions
sea keeping
Sea King helicopter
use SH-3 helicopter
Sea Knight helicopter
use CH-46 helicopter
sea launching
sea law

sea level
Beaufort **Sea** (North America)
Sea of Japan
Sea of Okhotsk
solar **sea** power plants
sea roughness
sea states
sea surface temperature
sea truth
sea urchins
sea walls
use breakwaters
sea water
Seafarer project
Seahorse helicopter
use UH-34 helicopter
sealants
use sealers
sealers
sealing
self **sealing**
brush **seals**
glands **(seals)**
hermetic **seals**
labyrinth **seals**
O ring **seals**
packings **(seals)**
pump **seals**
seals (animals)
seals (stoppers)
seamounts
seams (joints)
seaplanes
Search and Rescue Satellite
use SarSat
Search for Extraterrestrial Intelligence
use Project SETI
search profiles
search radar
searching
searchlights
seas
SEASAT 1
SEASAT-B satellite
SEASAT program
SEASAT satellites
spring **(season)**
seasonal variations
use annual variations
seasons
Seasprite helicopter
use UH-2 helicopter
seat belts
seats
ejection **seats**
flying ejection **seats**
seaweeds
sebaceous glands
sebacic acid
Newton **second** law
secondary batteries
use storage batteries
secondary cosmic rays
secondary emission
secondary flow
secondary injection
secondary ion mass spectrometry
secondary radar
secondary waves
use S waves
secretions
endocrine **secretions**
sections
absorption cross **sections**
airfoil **sections**
use airfoil profiles
capture cross **sections**
use absorption cross sections
cross **sections**
dorsal **sections**
ionization cross **sections**
neutron cross **sections**
posterior **sections**
radar cross **sections**
scattering cross **sections**
ventral **sections**
sectors
secular perturbation
use long term effects
secular variations
security
airport **security**
computer **security**
use computer information security
computer information **security**
sedatives
sediment transport
sedimentary rocks
sediments
SEE (software engineering environments)
use programming environments
Seebeck coefficient
use Seebeck effect
Seebeck effect
cloud **seeding**
seeding (inoculation)
use inoculation
seeds
atmospheric **seeing**
use seeing (astronomy)
seeing (astronomy)
seekers
use homing devices
seepage
segmented mirrors
segments
Segre characteristic
segregation
use separation
large aperture **seismic** array
seismic energy
seismic waves
seismocardiography
seismograms
seismographs
lunar **seismographs**
seismology
solar **seismology**
use helioseismology
seismometers
use seismographs
seizures
SEL computers
selection
personnel **selection**
pilot **selection**

site **selection**
selection rules (nuclear physics)
solar **selective** coatings
use selective surfaces
selective dissemination of information
ion **selective** electrodes
selective fading
selective surfaces
selectivity
selectors
selenides
cadmium **selenides**
copper **selenides**
copper indium **selenides**
gallium **selenides**
indium **selenides**
lead **selenides**
zinc **selenides**
selenium
selenium alloys
selenium compounds
selenium isotopes
selenium oxides
selenography
selenology
self absorption
self adaptive control systems
self alignment
self calibrating omnirange
self consistent fields
self deploying space stations
use self erecting devices
space stations
gaseous **self**-diffusion
self diffusion (solid state)
self erecting devices
self excitation
self focusing
self ignition
use spontaneous combustion
self induced vibration
self initiated antiaircraft missiles
use SIAM missiles
self lubricating materials
self lubrication
self maneuvering units
space **self** maneuvering units
use self maneuvering units
self organizing systems
self oscillation
self propagation
self regulating
use automatic control
self repairing devices
self sealing
self shadowing
self stimulation
self subtraction holography
use holographic subtraction
self sustained emission
self tests
Selsyns (trademark)
use servomotors
SEM (microscopy)
use scanning electron microscopy
semantics
semicircular canals
semiconducting films

semiconductor devices
NDM **semiconductor** devices
semiconductor diodes
semiconductor insulator semiconductors
use SIS (semiconductors)
semiconductor junctions
semiconductor lasers
metal- **semiconductor**-metal semiconductors
semiconductor plasmas
amorphous **semiconductors**
complementary metal oxide **semiconductors**
use CMOS
indium-tin-oxide **semiconductors**
use ITO (semiconductors)
ITO **(semiconductors)**
metal insulator **semiconductors**
use MIS (semiconductors)
metal oxide **semiconductors**
metal-insulator-metal **semiconductors**
use MIM (semiconductors)
metal-nitride-oxide- **semiconductors**
metal-oxide-metal **semiconductors**
use MOM (semiconductors)
metal-semiconductor-metal **semiconductors**
use MSM (semiconductors)
MIM **(semiconductors)**
MIS **(semiconductors)**
MOM **(semiconductors)**
MOS **(semiconductors)**
MSM **(semiconductors)**
negative diff mobility **semiconductors**
use NDM semiconductor devices
n-type **semiconductors**
organic **semiconductors**
p-type **semiconductors**
semiconductor insulator **semiconductors**
use SIS (semiconductors)
silicon-on-insulator **semiconductors**
use SOI (semiconductors)
silicon-on-sapphire **semiconductors**
use SOS (semiconductors)
SIS **(semiconductors)**
SOI **(semiconductors)**
SOS **(semiconductors)**
semiconductors (materials)
semiempirical equations
semimetals
use metalloids
semiregular variable stars
semisolids
semispan models
Senarmont polariscopes
senders
use transmitters
Seneca aircraft
use PA-34 Seneca aircraft
PA-34 **Seneca** aircraft
Senegal
tactile **sensation**
use touch
auditory **sensation** areas
sense organs
senses
use sensory perception
sensibility
use sensitivity

sensing
use detection
Crop Inventories by Remote **Sensing**
use AgRISTARS project
horizon **sensing**
use horizon scanners
position **sensing**
remote **sensing**
sensitivity
impact **sensitivity**
use impact resistance
notch **sensitivity**
pain **sensitivity**
propellant **sensitivity**
spectral **sensitivity**
sensitizing
sensitometry
SATAN **(sensor)**
sensor fusion
use multisensor fusion
pushbroom **sensor** modes
sensorimotor performance
sensors
contour **sensors**
guidance **sensors**
image velocity **sensors**
microwave **sensors**
optical **sensors**
use optical measuring instruments
pressure **sensors**
remote **sensors**
robot **sensors**
solar **sensors**
spacecraft **sensors**
use spacecraft instruments
sun **sensors**
use solar sensors
temperature **sensors**
torque **sensors** (nonrobotics)
use torquemeters
tactile **sensors** (robotics)
torque **sensors** (robotics)
sensory deprivation
sensory discrimination
sensory feedback
sensory perception
sensory stimulation
sentences
Sentinel system
SEO (Indian spacecraft)
use Indian spacecraft
SEOCS (satellite)
SEOS
use Synchronous Earth Observatory satellite
SEPAC (payload)
separated flow
separation
boundary layer **separation**
charge **separation**
use polarization (charge separation)
external store **separation**
flow **separation**
use boundary layer separation
separated flow
isotope **separation**
laminar boundary layer **separation**
use boundary layer separation
laminar boundary layer
polarization (charge **separation)**
radiochemical **separation**
size **separation**
sizing **(separation)**
stage **separation**
phase **separation** (materials)
separators
battery **separators**
use separators
septum
isoelectronic **sequence**
stacking **sequence** (composite materials)
main **sequence** stars
pre-main **sequence** stars
pseudorandom **sequences**
sequencing
sequential analysis
sequential computers
sequential control
Serbska Republic
sergeant missiles
sergonium
actinide **series**
asymptotic **series**
Balmer **series**
Campbell-Hausdorff **series**
cosine **series**
Fourier **series**
MacLaurin **series**
McLaurin **series**
use MacLaurin series
Paschen **series**
power **series**
Prony **series**
Rydberg **series**
sine **series**
Taylor **series**
time **series** analysis
actinide **series** compounds
CDC 6000 **series** computers
CDC 7000 **series** computers
CDC Cyber 170 **series** computers
SDS 900 **series** computers
Univac 1100 **series** computers
VAX-11 **series** computers
series expansion
series (mathematics)
lanthanide **series** metals
use rare earth elements
ETS **series** satellites
use Engineering Test Satellites
TIROS N **series** satellites
serotonin
serpentine
serrated
SERT 1 spacecraft
SERT 2 spacecraft
SERT (rocket tests)
use space electric rocket tests
serums
client **server** systems
land mobile satellite **service**
service life
service modules
command **service** modules
services

medical **services**
meteorological **services**
orbital **servicing**
servoamplifiers
servocontrol
servomechanisms
servomotors
servos
  use servomotors
servostability control
  use servocontrol
SES
  use surface effect ships
SES (Shuttle)
  use Shuttle Engineering Simulator
set
reduced instruction **set** computing
  use RISC processors
set theory
SETI
  use Project SETI
Project **SETI**
Borel **sets**
fuzzy **sets**
psychological **sets**
instruction **sets** (computers)
setting
settling
setups
twenty- **seven** day variation
Severe Storms Observing Satellite
  use StormSat satellite
National **Severe** Storms Project
sewage
sewage treatment
sewers
sewing
sex
sex factor
sex glands
sextants
Seychelles
Seyfert galaxies
SFAR
  use sound fixing and ranging
sferics
  use atmospherics
SGEMP
  use system generated
    electromagnetic pulses
SGML
  use document markup languages
SGR (nuclear reactors)
  use sodium graphite reactors
SH-3 helicopter
SH-4 helicopter
SH waves
Shackleton bomber
shades
lunar **shadow**
shadowgraph photography
spark **shadowgraph** photography
  use shadowgraph photography
shadowgraphs
  use shadowgraph photography
self **shadowing**
shadows
convertible fan- **shaft** engines
journals **(shafts)**

rotating **shafts**
shafts (machine elements)
shakers
shaking
shale oil
shales
shallow shell equations
shallow shells
shallow water
shanks
  use joints (junctions)
Shannon information theory
  use information theory
Shannon-Wiener measure
Earth **shape**
  use geodesy
line **shape**
ogee **shape**
T **shape**
shape control
shape functions
shape memory alloys
doughnut **shape** wheels
  use toroidal wheels
shaped charges
shapers
shapes
disks **(shapes)**
fusiform **shapes**
  use cones
mode **shapes**
  use modal response
rosette **shapes**
sizing **(shaping)**
time **sharing**
sharks
sharp leading edges
sharpness
shatter cones
shattering
  use fragmentation
Shawnee helicopter
  use CH-21 helicopter
shear
wind **shear**
shear creep
shear disturbances
  use S waves
shear fatigue
  use shear stress
shear flow
magnetohydrodynamic **shear** heating
Chapman **shear** layer
  use shear layers
shear layers
Dungeys wind **shear** mechanism
  use wind shear
shear properties
shear strain
shear strength
shear stress
shear waves
  use S waves
horizontally polarized **shear** waves
  use SH waves
shearing
shearing stress
  use shear stress
shearography

shears
sheaths
ion **sheaths**
plasma **sheaths**
shedding
vortex **shedding**
sheds
sheep
sheet metal
use metal sheets
sheet molding compounds
sheets
current **sheets**
elastic **sheets**
metal **sheets**
neutral **sheets**
vortex **sheets**
webs **(sheets)**
Ross ice **shelf**
shell anodes
shallow **shell** equations
shell galaxies
shell stability
shell stars
shell theory
shellfish
anisotropic **shells**
atmospheric **shells**
use atmospheric stratification
circular **shells**
conical **shells**
corrugated **shells**
cylindrical **shells**
elastic **shells**
fluid filled **shells**
hemispherical **shells**
liquid filled **shells**
metal **shells**
orthotropic **shells**
perforated **shells**
plastic **shells**
reinforced **shells**
shallow **shells**
spherical **shells**
thin walled **shells**
toroidal **shells**
shells (structural forms)
shelters
lunar **shelters**
shelves
continental **shelves**
ice **shelves**
use land ice
Shenandoah Valley (VA)
shergottites
Canadian **Shield**
Baltic **Shield** (Europe)
shielding
electromagnetic **shielding**
electrostatic **shielding**
heat **shielding**
magnetic **shielding**
nuclear **shielding**
use radiation shielding
radiation **shielding**
radio frequency **shielding**
reentry **shielding**
reusable heat **shielding**
solar radiation **shielding**
spacecraft **shielding**
thermal **shielding**
use heat shielding
Tower **Shielding** Reactor 2
cirrus **shields**
guards **(shields)**
molecular **shields**
shields (geology)
use bedrock
shift
chemical **shift**
use chemical equilibrium
frequency **shift**
isotope **shift**
use isotope effect
knight **shift**
use nuclear magnetic resonance
phase **shift**
red **shift**
stellar Doppler **shift**
use Doppler effect
threshold **shift**
use thresholds
circulators (phase **shift** circuits)
phase **shift** circuits
spectral **shift** control reactor
spectral **shift** control
binary phase **shift** keying
biphase **shift** keying
use binary phase shift keying
frequency **shift** keying
phase **shift** keying
quadraphase **shift** keying
use quadrature phase shift keying
quadrature phase **shift** keying
shift registers
shifting equilibrium flow
Shillelagh missiles
Advanced Range Instrumentation **Ship**
ARIS instrumentation **ship**
use Advanced Range Instrumentation Ship
Savannah nuclear **ship**
SWATH **(ship)**
ship hulls
ship terminals
ship to shore communication
ships
cargo **ships**
LOTS cargo **ships**
use cargo ships
nuclear powered **ships**
satellite communications **ships**
surface effect **ships**
tanker **ships**
shipyards
Shiva laser system
shivering
shoals
shock
hydraulic **shock**
hypersonic **shock**
mechanical **shock**
thermal **shock**
shock absorbers
shock diffusers
use diffusers
shock wave attenuation
shock discontinuity

shock fronts
shock heating
shock layers
shock loads
shock measuring instruments
shock (physiology)
shock resistance
shock simulators
shock spectra
shock tests
shock tubes
magnetic annular **shock** tubes
MAST **shock** tubes
use magnetic annular shock tubes
shock tunnels
shock wave attenuation
shock wave control
shock wave generators
shock wave interaction
shock wave luminescence
shock wave profiles
shock wave propagation
shock waves
bow **shock** waves
use shock waves
normal **shock** waves
oblique **shock** waves
Shoemaker–Levy 9 comet
shoes
Shooting Star aircraft
use T-33 aircraft
shops
Shoran
ship to **shore** communication
logistics over the **shore** (LOTS) carrier
shorelines
advancing **shorelines**
use beaches
Short Belfast C MK-1 aircraft
use SC-5 aircraft
short circuit currents
short circuits
short cracks
short haul aircraft
short range ballistic missiles
short range navigation
use Shoran
Short SC-1 aircraft
use SC-1 aircraft
Short SC-5 aircraft
use SC-5 aircraft
Short SC-7 aircraft
use SC-7 aircraft
Apollo **short** stack
short takeoff & vertical landing aircraft
use STOVL aircraft
short takeoff aircraft
short wave radiation
ultra **short** wave radio equipment
use very high frequency radio equipment
short wave radio transmission
shortening
use reduction
shot
shot noise
shot peening
Experimental Reflector Orbital **Shot** Proj
orbital **shots**

shoulders
showers
air **showers**
use cosmic ray showers
Auger **showers**
use cosmic ray showers
cosmic ray **showers**
meteoroid **showers**
shrapnel
shredding
Shrike missile
shrinkage
shrouded bodies
use shrouds
shrouded nozzles
shrouded propellers
shrouded turbines
shrouds
shunts
use bypasses
circuits
shutdowns
shutters
camera **shutters**
Aeromaneuvering Orbit to Orbit **Shuttle**
Buran space **shuttle**
Orbit Maneuvering Engine (Space **Shuttle**)
Orbital Flight Test 1 (**shuttle**)
Orbital Flight Test 2 (**shuttle**)
Orbital Flight Test 3 (**shuttle**)
Orbital Flight Test 4 (**shuttle**)
orbital flight tests (**shuttle**)
SES (**Shuttle**)
SMS (**Shuttle**)
Solid Rocket Boosters (Space **Shuttle**)
Space **Shuttle** Ascent Stage
Shuttle Avionics Integration Laboratory
use SAIL project
Shuttle Boosters
use Space Shuttle Boosters
Space **Shuttle** Boosters
Shuttle Derived Vehicles
Shuttle Engineering Simulator
shuttle glow
use spacecraft glow
Shuttle Imaging Radar
Earth resources **shuttle** imaging radar
use Shuttle Imaging Radar
Space **Shuttle** Main Engine
Space **Shuttle** mission 31-A
Space **Shuttle** mission 31-B
Space **Shuttle** mission 31-C
Space **Shuttle** mission 31-D
Space **Shuttle** mission 41-A
Space **Shuttle** mission 41-B
Space **Shuttle** mission 41-C
Space **Shuttle** mission 41-D
Space **Shuttle** mission 41-G
Space **Shuttle** mission 51-A
Space **Shuttle** mission 51-B
Space **Shuttle** mission 51-C
Space **Shuttle** mission 51-D
Space **Shuttle** mission 51-E
Space **Shuttle** mission 51-F
Space **Shuttle** mission 51-G
Space **Shuttle** mission 51-H
Space **Shuttle** mission 51-I
Space **Shuttle** mission 51-J

Space **Shuttle** mission 51-L
Space **Shuttle** mission 61-A
Space **Shuttle** mission 61-B
Space **Shuttle** mission 61-C
Space **Shuttle** mission 61-E
Shuttle Mission Simulator
Space **Shuttle** missions
Space **Shuttle** Orbital Flight 7
use Space Shuttle mission 31-C
Space **Shuttle** Orbital Flight 8
use Space Shuttle mission 31-D
Space **Shuttle** Orbital Flight 9
use Space Shuttle mission 41-A
Space **Shuttle** Orbital Flight Test 1
use Space Transportation System 1 flight
Space **Shuttle** Orbital Flight Test 2
use Space Transportation System 2 flight
Space **Shuttle** Orbital Flight Test 3
use Space Transportation System 3 flight
Space **Shuttle** Orbital Flight Test 4
use Space Transportation System 4 flight
Space **Shuttle** Orbital Flight Tests
use Space Transportation System flights
Space **Shuttle** Orbital Flights
use Space Transportation System flights
Space **Shuttle** Orbiter 099
use Challenger (Orbiter)
Space **Shuttle** Orbiter 101
use Enterprise (Orbiter)
Space **Shuttle** Orbiter 102
use Columbia (Orbiter)
Space **Shuttle** Orbiter 103
use Discovery (Orbiter)
Space **Shuttle** Orbiter 104
use Atlantis (orbiter)
Space **Shuttle** Orbiter 105
use Endeavour (orbiter)
Shuttle Orbiters
use Space Shuttle orbiters
Space **Shuttle** orbiters
Shuttle pallet satellites
Space **Shuttle** payloads
Space **Shuttle** Solid Rocket Motors
use Space Shuttle Boosters
Space **Shuttle** upper stage A
Space **Shuttle** upper stage D
Space **Shuttle** upper stages
space **shuttles**
SI
use International System of Units
sialon
SIAM missiles
Siberia
SIC (coefficient)
use structural influence coefficients
Sicily
air **sickness**
use motion sickness
altitude **sickness**
decompression **sickness**
motion **sickness**
radiation **sickness**
motion **sickness** drugs
sicknesses
SID (ionospheric disturbances)
use sudden ionospheric disturbances
Hawker **Siddeley** aircraft
Bristol- **Siddeley** BS 53 engine
Bristol- **Siddeley** Olympus 593 engine
Bristol- **Siddeley** Viper engine
lunar far **side**
side inlets
side-looking radar
single **sideband** modulation
use single sideband transmission
double **sideband** transmission
single **sideband** transmission
sidebands
sidelobe reduction
sidelobes
sidereal time
siderite meteorites
use iron meteorites
siderites
sides
sideslip
sidewash
use backwash
Sidewinder missiles
Siebel aircraft
Siemens 2002 computer
Sierra Leone
Sierra Nevada Mountains (CA)
sieves
molecular **sieves**
use absorbents
sight
use visual perception
line of **sight**
line of **sight** communication
SIGMA 5 computer
SIGMA 7
SIGMA 9 computer
SIGMA computers
sigma-mesons
Sigma Orionis
signal analysis
signal analyzers
radio **signal** attenuation
use radio attenuation
signal detection
signal detectors
signal discriminators
use signal detectors
signal distortion
signal encoding
signal fadeout
use signal fading
signal fading
signal fading rate
signal flow graphs
signal generators
signal measurement
electronic **signal** measurement
use signal measurement
signal mixing
signal processing
radio **signal** propagation
use radio transmission
signal reception
signal reflection

signal stabilization
signal to noise ratios
signal transmission
signals
audio **signals**
auditory **signals**
chirp **signals**
error **signals**
magnetic **signals**
monaural **signals**
optical **signals**
  use optical communication
radio **signals**
random **signals**
time **signals**
video **signals**
visual **signals**
warning **signals**
  use warning systems
signature analysis
signatures
infrared **signatures**
magnetic **signatures**
microwave **signatures**
missile **signatures**
radar **signatures**
spectral **signatures**
significance
signs and symptoms
signs (symbols)
  use symbols
Sikhote-Alin meteorite
Sikkim
Sikorsky aircraft
Sikorsky HSS-2 helicopter
  use SH-3 helicopter
Sikorsky S-58 helicopter
  use S-58 helicopter
Sikorsky S-61 helicopter
  use S-61 helicopter
Sikorsky S-64 helicopter
  use CH-54 helicopter
Sikorsky S-65 helicopter
  use H-53 helicopter
Sikorsky S-67 helicopter
  use S-67 helicopter
Sikorsky Whirlwind helicopter
silanes
silence
silencers
silica
  use silicon dioxide
silica gel
silica glass
silicates
aluminum **silicates**
calcium **silicates**
potassium **silicates**
sodium **silicates**
silicides
silicon
amorphous **silicon**
metal-nitride-oxide- **silicon**
porous **silicon**
triphenyl **silicon**
silicon alloys
silicon carbides
silicon compounds
organic **silicon** compounds
silicon controlled rectifiers
silicon dioxide
silicon films
silicon isotopes
silicon junctions
silicon nitrides
silicon-on-insulator semiconductors
silicon-on-sapphire junctions
silicon-on-sapphire semiconductors
silicon-on-sapphire transistors
silicon oxides
silicon polymers
silicon radiation detectors
silicon rectifiers
  use crystal rectifiers
silicon solar cells
  use solar cells
silicon tetrachloride
silicon transistors
silicone resins
silicone rubber
silicones
siliconizing
silk
silkworms
missile **silos**
silos (missile storage)
  use missile silos
siloxanes
silts
  use sediments
silver
silver alloys
cadmium **silver** batteries
  use silver cadmium batteries
zinc **silver** batteries
  use silver zinc batteries
silver bromides
silver cadmium batteries
silver chlorides
silver compounds
silver halides
silver hydrogen batteries
silver iodides
silver isotopes
silver nitrates
zinc **silver** oxide batteries
  use silver zinc batteries
silver oxide zinc batteries
  use silver zinc batteries
silver oxides
silver zinc batteries
silviculture
SIM
SIMD (computers)
SIMCOR (image correlator)
  use image correlators
similarities
  use analogies
Lagrange **similarity** hypothesis
similarity numbers
similarity theorem
similitude law
simple harmonic motion
simplex method
simplification

SIMS (spectrometry)
use secondary ion mass spectrometry
simulated altitude
use altitude simulation
simulated annealing
simulation
acoustic **simulation**
altitude **simulation**
analog **simulation**
atmospheric entry **simulation**
computer **simulation**
use computerized simulation
computer systems **simulation**
computerized **simulation**
control **simulation**
data **simulation**
digital **simulation**
direct numerical **simulation**
distributed interactive **simulation**
environment **simulation**
exhaust flow **simulation**
flight **simulation**
landing **simulation**
large eddy **simulation**
motion **simulation**
neutral buoyancy **simulation**
rheoelectrical **simulation**
solar **simulation**
space environment **simulation**
systems **simulation**
thermal **simulation**
weightlessness **simulation**
Spacelab **simulation** flights
use Assess program
High Vacuum Orbital **Simulator**
HIVOS **(simulator)**
LOLA **(simulator)**
Lunar Gravity **Simulator**
Shuttle Engineering **Simulator**
Shuttle Mission **Simulator**
simulator training
use training simulators
simulators
cockpit **simulators**
environment **simulators**
flight **simulators**
lunar orbit and landing **simulators**
missile **simulators**
motion **simulators**
orbital **simulators**
use space simulators
shock **simulators**
solar **simulators**
space **simulators**
spacecraft cabin **simulators**
target **simulators**
training **simulators**
vertical motion **simulators**
vibration **simulators**
simultaneous equations
simultaneous image correlator
use image correlators
sine series
sine waves
Singapore
single channel per carrier transmission
single crystals
single engine aircraft
single event upsets
single input single output systems
use SISO (control systems)
single instruction multiple datastream
use SIMD (computers)
single-phase flow
single sideband modulation
use single sideband transmission
single sideband transmission
single stage rocket vehicles
single stage to orbit vehicles
singular integral equations
naked **singularities**
singularity (mathematics)
sinkholes
sinking
sinks
heat **sinks**
thermal **sinks**
use heat sinks
sinks (geology)
use structural basins
Sinope
sintered aluminum powder
sintering
liquid phase **sintering**
carotid **sinus** body
carotid **sinus** reflex
sinuses
paranasal **sinuses**
sinusoids
use sine waves
Sioux helicopter
use OH-13 helicopter
siphoning
siphons
SIR-A
SIR-B
SIR-C
SIR-D
sirens
SIRIO satellite
SIRS B satellite
SIRTF
use Space Infrared Telescope Facility
SIS (semiconductors)
SIS (superconductors)
SISO (control systems)
CARETS (test **site)**
Central Atlantic Regional Ecol Test **Site**
site data processors
radar target scatter **site** program
site selection
sites
landing **sites**
launching **sites**
lunar landing **sites**
offshore reactor **sites**
sitting position
in **situ** measurement
crew **size**
drop **size**
grain **size**
pupil **size**
body **size** (biology)
size determination
size (dimensions)

size distribution
particle **size** distribution
size separation
sizing
sizing materials
sizing screens
sizing (separation)
use size separation
sizing (shaping)
sizing (surface treatment)
Falkner- **Skan** equation
skeleton
use musculoskeletal system
skewness
skid landings
skidding
skills
use abilities
skin (anatomy)
skin friction
skin grafts
skin resistance
galvanic **skin** response
skin (structural member)
stressed- **skin** structures
skin temperature (biology)
skin temperature (non-biological)
Skinner boxes
skirts
skis
Grigg- **Skjellerup** comet
Skua rocket vehicles
skull
sky
night **sky**
northern **sky**
Southern **sky**
sky brightness
all **sky** photography
sky radiation
sky surveys (astronomy)
sky waves
Skybolt missile
Skycrane helicopter
use CH-54 helicopter
Skydrol (trademark)
Skyhawk aircraft
use A-4 aircraft
skyhook balloons
Skylab 1
Skylab 2
Skylab 3
Skylab 4
Skylab program
SKYLAB space station (unmanned)
use Skylab 1
Skylark
use Skylark rocket vehicle
Skylark rocket vehicle
Skymaster aircraft
use C-54 aircraft
Skynet satellites
Skyraider aircraft
use A-1 aircraft
Skyrocket aircraft
use D-558 aircraft
Skystreak aircraft
use D-558 aircraft

Skyvan aircraft
use SC-7 aircraft
Turbo- **Skyvan** aircraft
Skywarrior aircraft
use A-3 aircraft
SL 1
use Skylab 1
SL 2
use Skylab 2
SL 3
use Skylab 3
SL-3 rocket engine
SL 4
use Skylab 4
slabs
plasma **slabs**
slags
SLAM
use supersonic low altitude missile
scanning laser acoustic microscope **(SLAM)**
slamming
slant
use slopes
slant perception
use space perception
optical **slant** range
blade **slap**
use blade-vortex interaction
blade **slap** noise
slashes
use clearings (openings)
Hartree-Fock- **Slater** method
Slater orbitals
leading edge **slats**
wing **slats**
use leading edge slats
sleds
rocket propelled **sleds**
sleep
desynchronized **sleep**
use rapid eye movement state
sleep deprivation
sleeves
slender bodies
slender cones
slender wings
air **slew** missiles
slewing
slicing
slicks
use oil slicks
oil **slicks**
slides
use chutes
slides (microscopy)
sliding
sliding contact
sliding friction
slip
slip bands
use edge dislocations
slip casting
slip flow
slipstreams
propeller **slipstreams**
slits
slivers
slopes

glide **slopes**
use glide paths
sloshing
use liquid sloshing
liquid **sloshing**
spoiler **slot** ailerons
slot antennas
slots
wing **slots**
slotted antennas
use slot antennas
slotted wind tunnels
Slovakia
slow neutrons
use thermal neutrons
sludge
activated **sludge**
slumping
slurries
slurry propellants
slush
slush hydrogen
SLV
use Standard Launch Vehicles
Atlas **SLV-3** launch vehicle
SLV (soft landing vehicles)
use soft landing spacecraft
Van **Slyke** method
SM-65 missile
SM-68 missile
SM-68B missile
very **small** aperture terminals
use VSAT (network)
Small Astronomy Satellite 1
use SAS-1
Small Astronomy Satellite 2
use SAS-2
Small Astronomy Satellite 3
use SAS-3
Small Astronomy Satellites
use SAS
small perturbation flow
small satellite technology
Small Satellite Technology Initiative
use small satellite technology
small scientific satellites
Small Water Plane Area Twin Hull
use SWATH (ship)
smallpox
smart structures
smear
smell
use olfactory perception
smelting
Kolmogorov- **Smirnov** test
Smith chart
SMM-A
smog
smoke
smoke abatement
smoke detectors
smoke trails
Great **Smoky** Mountains (NC-TN)
smoldering
smoothing
data **smoothing**
SMS
use Synchronous Meteorological Satellite
SMS 1
SMS 2
SMS (Shuttle)
use Shuttle Mission Simulator
SMU (maneuvering units)
use self maneuvering units
snails
snakes
snaking
use lateral oscillation
SNAP
SNAP 1
SNAP 2
SNAP 3
SNAP 4
SNAP 7
SNAP 8
SNAP 9A
SNAP 10A
SNAP 11
SNAP 13
SNAP 15
SNAP 17
SNAP 19
SNAP 21
SNAP 23
SNAP 27
SNAP 29
SNAP 50
Snapshot satellite
SNAPTRAN reactor
snatching
use spacecraft recovery
sneak circuit analysis
sneezing
Snellen tests
Snells law
snow
Snow aerial applicator aircraft S-2B
use agricultural aircraft
snow cover
Snow S-2 aircraft
use agricultural aircraft
snowplow effect
use plasma dynamics
snowstorms
soaking
soaps
Dyna- **Soar** space glider
soaring
Sobolev space
social factors
social isolation
social psychiatry
culture **(social** sciences)
sociology
socks
sod
sodalite
sodar
sodium
liquid **sodium**
pentobarbital **sodium**
sodium 22
sodium 24
sodium alloys

sodium azides
sodium bromides
sodium carbonates
sodium chlorides
sodium chlorodifluoroacetates
sodium chromites
sodium compounds
advanced **sodium** cooled reactor
sodium cooling
sodium fluorides
sodium gallates
sodium graphite reactors
sodium hydrides
sodium hydroxides
sodium iodides
sodium isotopes
sodium nitrates
sodium peroxides
sodium reactor experiment
sodium salicylates
sodium silicates
sodium sulfates
sodium sulfites
sodium sulfur batteries
sodium vapor
SOFAR
use sound fixing and ranging
SOFIA (airborne observatory)
soft landing
soft landing spacecraft
SLV (**soft** landing vehicles)
soft recovery
use soft landing
softening
strain **softening**
use plastic deformation
work **softening**
software
software (computers)
use computer programs
software development tools
software engineering
software engineering environments
use programming environments
SEE (**software** engineering environments)
software reliability
software reuse
software tools
use software development tools
SOHO Mission
SOI (semiconductors)
lunar **soil**
soil contamination
use soil pollution
soil erosion
soil mapping
soil mechanics
soil moisture
soil pollution
soil sampling
soil science
soils
frozen **soils**
use permafrost
sol-gel processes
solar activity
solar activity effects

Solar and Heliospheric Observatory
use SOHO Mission
solar arrays
rollup **solar** arrays
use solar arrays
solar atmosphere
solar atriums
solar auxiliary power units
solar azimuth
use azimuth
solar position
Solar Backscatter UV Spectrometer
solar blankets
Solar Cell Calibration Facility
solar cells
silicon **solar** cells
use solar cells
vertical junction **solar** cells
wraparound contact **solar** cells
use solar cells
solar collectors
solar companion star
use Nemesis (star)
solar compasses
solar constant
solar convection (astronomy)
solar converters
use solar generators
solar cooling
solar corona
solar corpuscular radiation
solar cosmic rays
solar cycles
solar diameter
solar disk
use sun
solar dynamic power systems
solar dynamics
use helioseismology
solar eclipses
solar electric propulsion
solar electrons
solar energy
solar energy absorbers
solar energy conversion
satellite **solar** energy conversion
solar faculae
use faculae
solar flares
solar flux
solar flux density
solar furnaces
solar generators
solar granulation
solar gravitation
solar heating
solar houses
solar instruments
solar interior
solar lasers
use solar-pumped lasers
solar limb
solar longitude
solar magnetic field
Solar Maximum Mission
Solar Maximum Mission-A
Solar Mesosphere Explorer

solar nebula
use solar corona
solar neighborhood
solar neutrinos
solar neutrons
solar noise
use solar radio emission
solar oblateness
solar observatories
Advanced Orbiting **Solar** Observatory
use AOSO
Orbiting **Solar** Observatory
use OSO
solar optical telescope
solar orbits
solar oscillations
solar parallax
solar physics
filaments **(solar** physics)
solar planetary interactions
solar plasma (radiation)
use solar wind
International **Solar** Polar Mission
use Ulysses mission
solar ponds (heat storage)
solar position
solar power generation
use solar generators
solar power satellites
solar power sources
use solar generators
satellite **solar** power stations
solar powered aircraft
solar probes
solar prominences
solar propulsion
solar protons
solar-pumped lasers
solar radar echoes
solar radiation
Solar Radiation 1 satellite
Solar Radiation 3 satellite
solar radiation shielding
solar radio bursts
solar radio emission
solar radio waves
use solar radio emission
solar receivers
use solar collectors
solar reflectors
solar rotation
solar sails
solar sea power plants
solar seismology
use helioseismology
solar selective coatings
use selective surfaces
solar sensors
solar simulation
solar simulators
solar spectra
solar spectrometers
solar storms
solar streams
use solar corpuscular radiation
solar system
solar system evolution

Grazing Incidence **Solar** Telescope
use GRIST (telescope)
solar temperature
solar terrestrial interactions
solar thermal electric power plants
solar thermal propulsion
solar total energy systems
solar transition region
ASTEC **solar** turboelectric generator
solar velocity
solar wind
solar wind velocity
solar x-rays
soldered joints
soldering
sonic **soldering**
use ultrasonic soldering
ultrasonic **soldering**
solders
solenoid valves
solenoids
meteorological **solenoids**
solitons
solid argon
use solidified gases
solid cryogen cooling
solid cryogens
solid electrodes
solid electrolytes
fluid- **solid** interactions
gas- **solid** interactions
gas- **solid** interfaces
liquid- **solid** interfaces
solid- **solid** interfaces
solid lubricants
solid mechanics
solid nitrogen
solid oxide fuel cells
solid phases
solid propellant combustion
solid propellant ignition
solid propellant rocket engines
solid propellants
solid rocket binders
Solid Rocket Boosters (Space Shuttle)
use Space Shuttle Boosters
SRB **(Solid** Rocket Boosters)
Advanced **Solid** Rocket Motor (STS)
Space Shuttle **Solid** Rocket Motors
use Space Shuttle Boosters
solid rocket propellants
solid rotation
use rotating bodies
solid solutions
solid state
carrier density **(solid** state)
carrier transport **(solid** state)
CVM **(solid** state)
solid state devices
energy gaps **(solid** state)
solid state lasers
solid state physics
self diffusion **(solid** state)
solid surfaces
solid suspensions
spinning **solid** upper stage
solid wastes

liquid plus **solid** zones
use mushy zones
solidification
rapid **solidification**
use rapid quenching (metallurgy)
solidification
directional **solidification** (crystals)
solidified gases
solids
band structure of **solids**
organic **solids**
solids flow
solidus
solions
solitary waves
solithane
solitons
use solitary waves
Reed- **Solomon** codes
Solomon computers
Solrad 10 satellite
use Explorer 44 satellite
solstices
solubility
solutes
solution
heat of **solution**
iterative **solution**
Pohlhausen **solution**
use Pohlhausen method
Reissner-Nordstrom **solution**
solutions
aqueous **solutions**
solid **solutions**
solvation
solvent extraction
traveling **solvent** method
solvent refined coal
solvent retention
solvents
casting **solvents**
use plasticizers
problem **solving**
solvolysis
Somalia
Sommerfeld approximation
Orr- **Sommerfeld** equations
Sommerfeld waves
sonar
sondes
rocket **sondes**
use sounding rockets
sonic anemometers
sonic booms
sonic fatigue
use acoustic fatigue
sonic flow
use transonic flow
sonic nozzles
sonic soldering
use ultrasonic soldering
sonic speed
use acoustic velocity
sonic waveguides
use acoustic delay lines
sonobuoys
sonograms

sonoholography
use acoustical holography
sonoluminescence
soot
sorbates
sorbents
Soret coefficient
sorghum
sorption
sortie can
use sortie systems
sortie lab
use sortie systems
sortie systems
sorting
use classifying
sorting algorithms
SOS (semiconductors)
SOT
use solar optical telescope
sound
use acoustics
McMurdo **sound**
noise **(sound)**
underwater **sound**
use underwater acoustics
zero **sound**
sound absorption
use sound transmission
Prince William **Sound** (AK)
sound amplification
sound barrier
use acoustic velocity
sound detecting and ranging
sound detectors
use sound transducers
sound fields
sound fixing and ranging
sound frequencies
use acoustic frequencies
sound generators
sound holography
use acoustical holography
sound intensity
sound- **sound** interactions
sound localization
sound measurement
use acoustic measurement
sound perception
use auditory perception
sound pressure
sound propagation
sound ranging
Block Island **Sound** (RI)
sound transducers
sound transmission
sound velocity
use acoustic velocity
sound waves
plasma **sound** waves
use magnetohydrodynamic waves
plasma waves
orbiting radio beacon ionospheric **sounder**
use ORBIS
Pioneer Venus 2 **sounder** probe
sounders
use sounding
sounding
acoustic **sounding**

atmospheric **sounding**
balloon **sounding**
echo **sounding**
ionospheric **sounding**
microwave **sounding**
rocket **sounding**
satellite **sounding**
high altitude **sounding** projectile
use WASP sounding rocket
window atmosphere **sounding** projectile
use WASP sounding rocket
Aries **sounding** rocket
Black Brant 1 **sounding** rocket
Black Brant 2 **sounding** rocket
Black Brant 3 **sounding** rocket
Black Brant 4 **sounding** rocket
Black Brant 5 **sounding** rocket
EXOS **sounding** rocket
Petrel **sounding** rocket
Phoenix **sounding** rocket
WASP **sounding** rocket
sounding rockets
Black Brant **sounding** rockets
Advanced Microwave **Sounding** Unit
sounds (topographic features)
source programs
sources
aircraft power **sources**
use aircraft engines
atmospheric energy **sources**
auxiliary power **sources**
coherent **sources**
use coherent radiation
radiation sources
electron **sources**
energy **sources**
extragalactic radio **sources**
heat **sources**
hydraulic heating **sources**
use heat sources
hydraulic equipment
ion **sources**
light **sources**
neutron **sources**
nonpoint **sources**
offshore energy **sources**
plasma power **sources**
point **sources**
QSO (radio **sources)**
quasi-stellar radio **sources**
use quasars
radiation **sources**
solar power **sources**
use solar generators
x ray **sources**
gamma ray **sources** (astronomy)
infrared **sources** (astronomy)
radio **sources** (astronomy)
South Africa
use Republic of South Africa
Republic of **South** Africa
South America
Amazon region (**South** America)
Andes Mountains (**South** America)
South Carolina
South Dakota
South Korea

South Vietnam
use Vietnam
South West Africa
use Namibia
Southeast Asia
Southern California
Southern Hemisphere
European **Southern** Observatory
Southern oscillation
Southern sky
Southern Yemen
sovereignty
Soviet satellites
Soviet spacecraft
Soviet Union
use U.S.S.R.
soybeans
Soyuz spacecraft
Apollo **Soyuz** test project
space
Banach **space**
Cartan **space**
cislunar **space**
construction in **space**
use orbital assembly
deep **space**
Earth observations (from **space)**
Euclidean **space**
use Euclidean geometry
Faraday dark **space**
food production (in **space)**
function **space**
hazardous material disposal (in **space)**
Hilbert **space**
hyperbolic **space**
use hyperbolic coordinates
interplanetary **space**
interstellar **space**
metric **space**
Minkowski **space**
Orlicz **space**
Physics and Chemistry
Experiment in **Space**
Riemann **space**
use Riemann manifold
Sobolev **space**
translunar **space**
use interplanetary space
U spin **space**
Office of **Space** & Terrestr Applic Payloads
use OSTA-1 payload
OSTA-2 payload
OSTA-3 payload
space adaptation syndrome
European **Space** Agency
Space Arrow satellite
use Cosmos 149 satellite
space based radar
space bases
space biology
use exobiology
space buses
use ferry spacecraft
space capsules
space charge
space colonies
space commercialization
space communication
space cooling (buildings)

space debris
space density
space detection and tracking system
space diversity
use reception diversity
space electric rocket tests
space environment
use aerospace environments
space environment simulation
space environmental lubrication
use spacecraft lubrication
space erectable structures
Space Exper with Particle Accelerators
use SEPAC (payload)
space exploration
space flight
extended duration **space** flight
use long duration space flight
space flight feeding
long duration **space** flight
manned **space** flight
manned **space** flight network
planetary **space** flight
use interplanetary flight
return to Earth **space** flight
space flight stress
Space Flight Tracking and Data Network
space flight training
Dyna-Soar **space** glider
use X-20 aircraft
space gliders
use lifting reentry vehicles
space glossaries
SSGS (standardized **space** guidance)
use standardized space guidance
standardized **space** guidance
space habitats
space heating (buildings)
space industrialization
Space Infrared Telescope Facility
Deep **Space** Instrumentation Facility
phase- **space** integral
space laboratories
space law
space logistics
space maintenance
space manufacturing
space mechanics
space medicine
use aerospace medicine
space missions
space navigation
Deep **Space** Network
DSN (**space** network)
space observations (from Earth)
Infrared **Space** Observatory (ISO)
Space Operations Center (NASA)
space orientation
plasmas-in- **space** payload
space perception
space photography
use spaceborne photography
space plasma H/V interaction experiments
use SPHINX
space plasmas
space platforms

space power reactors
space power unit reactors
Mariner 1 **space** probe
Mariner 2 **space** probe
Mariner 3 **space** probe
Mariner 4 **space** probe
Mariner 5 **space** probe
Mariner 6 **space** probe
Mariner 7 **space** probe
Mariner 8 **space** probe
Mariner 9 **space** probe
Mariner 10 **space** probe
Mariner 11 **space** probe
Mariner R 2 **space** probe
Pioneer 1 **space** probe
Pioneer 2 **space** probe
Pioneer 3 **space** probe
Pioneer 4 **space** probe
Pioneer 5 **space** probe
Pioneer 6 **space** probe
Pioneer 7 **space** probe
Pioneer 8 **space** probe
Pioneer 9 **space** probe
Pioneer 10 **space** probe
Pioneer 11 **space** probe
Pioneer 12 **space** probe
use Pioneer Venus spacecraft
Pioneer F **space** probe
use Pioneer 10 space probe
Pioneer G **space** probe
use Pioneer 11 space probe
Sunblazer **space** probe
Zond 1 **space** probe
Zond 2 **space** probe
Zond 3 **space** probe
Zond 4 **space** probe
Zond 5 **space** probe
Zond 6 **space** probe
Zond 7 **space** probe
Zond 8 **space** probe
space probes
Mariner **space** probes
Pioneer **space** probes
Zond **space** probes
space processing
Space Processing Applications Rocket
Argentine **space** program
Australian **space** program
Austrian **space** program
Belgian **space** program
Brazilian **space** program
Canadian **space** program
Chinese **space** program
Czechoslovakian **space** program
Danish **space** program
Finnish **space** program
French **space** program
German **space** program
Greek **space** program
Hungarian **space** program
Icelandic **space** program
Indian **space** program
Indonesian **space** program
Israeli **space** program
Italian **space** program
Japanese **space** program
Luxembourg **space** program
Mexican **space** program
Netherlands **space** program

New Zealand **space** program
Norwegian **space** program
Pakistan **space** program
Portuguese **space** program
Russian **Space** Program
Saudi Arabian **space** program
Spanish **space** program
Swedish **space** program
Swiss **space** program
Turkish **space** program
U.S.S.R. **space** program
UK **space** program
space programs
European **space** programs
NASA **space** programs
space psychology
space radiation
use extraterrestrial radiation
space radiators
use spacecraft radiators
space rations
space rendezvous
Committee on **Space** Research
European **Space** Research Organization
use European Space Agency
Indian **Space** Research Organization
use ISRO
European **Space** Research Organization sat
use ESA satellites
space sciences
use aerospace sciences
space self maneuvering units
use self maneuvering units
Space Shuttle Ascent Stage
Space Shuttle Boosters
Buran **space** shuttle
Space Shuttle Main Engine
Space Shuttle mission 31-A
Space Shuttle mission 31-B
Space Shuttle mission 31-C
Space Shuttle mission 31-D
Space Shuttle mission 41-A
Space Shuttle mission 41-B
Space Shuttle mission 41-C
Space Shuttle mission 41-D
Space Shuttle mission 41-G
Space Shuttle mission 51-A
Space Shuttle mission 51-B
Space Shuttle mission 51-C
Space Shuttle mission 51-D
Space Shuttle mission 51-E
Space Shuttle mission 51-F
Space Shuttle mission 51-G
Space Shuttle mission 51-H
Space Shuttle mission 51-I
Space Shuttle mission 51-J
Space Shuttle mission 51-L
Space Shuttle mission 61-A
Space Shuttle mission 61-B
Space Shuttle mission 61-C
Space Shuttle mission 61-E
Space Shuttle missions
Orbit Maneuvering Engine (**Space** Shuttle)
Space Shuttle Orbital Flight 7
use Space Shuttle mission 31-C
Space Shuttle Orbital Flight 8
use Space Shuttle mission 31-D
Space Shuttle Orbital Flight 9
use Space Shuttle mission 41-A
Space Shuttle Orbital Flight Test 1
use Space Transportation System 1 flight
Space Shuttle Orbital Flight Test 2
use Space Transportation System 2 flight
Space Shuttle Orbital Flight Test 3
use Space Transportation System 3 flight
Space Shuttle Orbital Flight Test 4
use Space Transportation System 4 flight
Space Shuttle Orbital Flight Tests
use Space Transportation System flights
Space Shuttle Orbital Flights
use Space Transportation System flights
Space Shuttle Orbiter 099
use Challenger (Orbiter)
Space Shuttle Orbiter 101
use Enterprise (Orbiter)
Space Shuttle Orbiter 102
use Columbia (Orbiter)
Space Shuttle Orbiter 103
use Discovery (Orbiter)
Space Shuttle Orbiter 104
use Atlantis (orbiter)
Space Shuttle Orbiter 105
use Endeavour (orbiter)
Space Shuttle orbiters
Space Shuttle payloads
Solid Rocket Boosters (**Space** Shuttle)
Space Shuttle Solid Rocket Motors
use Space Shuttle Boosters
Space Shuttle upper stage A
Space Shuttle upper stage D
Space Shuttle upper stages
space shuttles
space simulators
Columbus **space** station
Freedom **Space** Station
use Space Station Freedom
Space Station Freedom
Halo Orbit **space** station
International **Space** Station
Mir **space** station
MTFF (**space** station)
space station payloads
space station polar platforms
space station power supplies
space station propulsion
Salyut **space** station
space station structures
SKYLAB **space** station (unmanned)
use Skylab 1
space stations
Earth orbiting **space** stations
use space stations
manned orbital **space** stations
use space stations
MOSS (**space** stations)
polar platforms (**space** stations)
self deploying **space** stations
use self erecting devices
space stations
space storage

inflatable **space** structures
large **space** structures
space suits
space surveillance
space surveillance (ground based)
space surveillance (spaceborne)
Bioastronautical Orbital **Space** System
space systems engineering
use aerospace engineering
space technology experiments
Hubble **Space** Telescope
Large **Space** Telescope
use Hubble Space Telescope
space temperature
orbital **space** tests
space-time continuum
space-time functions
space-time metric
space tools
space transportation
space transportation system
Space Transportation System 1 flight
Space Transportation System 2 flight
Space Transportation System 3 flight
Space Transportation System 4 flight
Space Transportation System flights
Saenger **space** transportation system
Sanger **space** transportation system
use Saenger space transportation system
outer **space** treaty
space tugs
space vehicle checkout program
space vehicle control
use spacecraft control
space vehicles
use spacecraft
space weapons
International **Space** Year
space surveillance **(spaceborne)**
spaceborne astronomy
airborne/ **spaceborne** computers
spaceborne experiments
spaceborne lasers
spaceborne photography
spaceborne telescopes
spacecraft
Advanced Reconn Electric **Spacecraft**
Apollo **spacecraft**
ARES **(spacecraft)**
breakup **(spacecraft)**
Canadian **spacecraft**
capsules **(spacecraft)**
cargo **spacecraft**
Chinese **spacecraft**
Clementine **spacecraft**
commercial **spacecraft**
consumables **(spacecraft)**
Copernicus **spacecraft**
use OAO 3
Czechoslovakian **spacecraft**
dual spin **spacecraft**
ESA **spacecraft**
European 1 **spacecraft**
expendable stages **(spacecraft)**
ferry **spacecraft**
flexible **spacecraft**
Galileo **spacecraft**
Gemini **spacecraft**
Gemini 2 **spacecraft**
Gemini B **spacecraft**
Gemini (GT-1) **spacecraft**
housekeeping **(spacecraft)**
Indian **spacecraft**
inflatable **spacecraft**
interim stages **(spacecraft)**
interplanetary **spacecraft**
interstellar **spacecraft**
IRS (Indian **spacecraft)**
Israeli **spacecraft**
Janus **spacecraft**
Japanese **spacecraft**
lunar **spacecraft**
maneuverable **spacecraft**
manned **spacecraft**
Mariner **spacecraft**
Mariner C **spacecraft**
Mariner Mark 2 **Spacecraft**
Mariner Venus 67 **spacecraft**
Mark 1 **spacecraft**
Mars 1 **spacecraft**
Mars 2 **spacecraft**
Mars 3 **spacecraft**
Mars 4 **Spacecraft**
Mars 5 **spacecraft**
Mars 6 **spacecraft**
Mars 7 **spacecraft**
MARS (Manned Reusable **Spacecraft)**
Mercury **spacecraft**
military **spacecraft**
MOS (Japanese **spacecraft)**
multimission modular **spacecraft**
outer planet **spacecraft**
use outer planets explorers
photo reconnaissance **spacecraft**
Pioneer Saturn **spacecraft**
use Pioneer 11 space probe
Pioneer Venus **spacecraft**
Pioneer Venus 1 **spacecraft**
Pioneer Venus 2 **spacecraft**
Pioneer Venus 2 Multiprobe **spacecraft**
use Pioneer Venus 2 spacecraft
planetary **spacecraft**
use interplanetary spacecraft
postmission analysis **(spacecraft)**
power limited **spacecraft**
Radiation Meteoroid **spacecraft**
reconnaissance **spacecraft**
recoverable **spacecraft**
rendezvous **spacecraft**
reusable **spacecraft**
SEO (Indian **spacecraft)**
SERT 1 **spacecraft**
SERT 2 **spacecraft**
soft landing **spacecraft**
Soviet **spacecraft**
Soyuz **spacecraft**
Starprobe **spacecraft**
technology feasibility **spacecraft**
thermoelectric **spacecraft**
use TOPS (spacecraft)
Thermoelectric Outer Planet **Spacecraft**
use TOPS (spacecraft)
TOPS **(spacecraft)**
uncontrolled reentry **(spacecraft)**
unmanned **spacecraft**
Venus orbiting imaging radar **(spacecraft)**
Viking **spacecraft**

Viking 1 **spacecraft**
Viking 2 **spacecraft**
Viking lander **spacecraft**
Viking orbiter **spacecraft**
Voskhod 1 **spacecraft**
Voskhod 2 **spacecraft**
voskhod manned **spacecraft**
Vostok **spacecraft**
Vostok 1 **spacecraft**
Vostok 2 **spacecraft**
Vostok 3 **spacecraft**
Vostok 4 **spacecraft**
Vostok 5 **spacecraft**
Vostok 6 **spacecraft**
Voyager 1 **spacecraft**
Voyager 2 **spacecraft**
spacecraft antennas
spacecraft breakup
spacecraft cabin atmospheres
spacecraft cabin simulators
spacecraft cabins
spacecraft charging
Spacecraft Charging at High Altitude
use SCATHA satellite
autonomous **spacecraft** clocks
spacecraft communication
spacecraft components
spacecraft computers
use airborne/spaceborne computers
spacecraft configurations
spacecraft construction materials
spacecraft contamination
spacecraft control
spacecraft defense
spacecraft design
spacecraft docking
spacecraft docking modules
spacecraft electronic equipment
spacecraft environments
spacecraft equipment
spacecraft glow
spacecraft guidance
spacecraft instruments
spacecraft landing
horizontal **spacecraft** landing
spacecraft launching
spacecraft lubrication
spacecraft maintenance
spacecraft maneuvers
spacecraft models
spacecraft modules
spacecraft motion
Magellan **spacecraft** (NASA)
spacecraft orbital assembly
use orbital assembly
spacecraft orbits
ingress (**spacecraft** passageway)
spacecraft performance
spacecraft position indicators
spacecraft power supplies
spacecraft prelaunch tests
use space vehicle checkout program
spacecraft propulsion
spacecraft radiators
spacecraft recovery
spacecraft reentry
spacecraft reliability

spacecraft rendezvous
use space rendezvous
spacecraft sensors
use spacecraft instruments
spacecraft shielding
spacecraft stability
spacecraft sterilization
spacecraft structures
spacecraft survivability
spacecraft television
digital **spacecraft** television
spacecraft temperature
spacecraft tracking
Spacecraft Tracking and Data Network
use STDN (network)
spacecraft trajectories
consumables (**spacecrew** supplies)
spacecrew transfer
intervehicle **spacecrew** transfer
use spacecrew transfer
spacecrews
Spacelab
ACPL (**Spacelab**)
Atmospheric Cloud Physics Lab (**Spacelab**)
Large Infrared Telescope on **Spacelab**
use LIRTS (telescope)
zero-g ACPL (**Spacelab**)
EXPOS (**Spacelab** payload)
Spacelab payloads
Spacelab simulation flights
use Assess program
Spacelab UV-Optical Telescope Facility
use Starlab
Hermes manned **spaceplane**
spacers
washers (**spacers**)
half **spaces**
vector **spaces**
Manned Aerodynamic Reusable **Spaceship**
use MARS (Manned Reusable Spacecraft)
spacetennas
spacing
aircraft approach **spacing**
SPADATS (tracking system)
use space detection and tracking system
Spain
spallation
spalling
span
life **span**
wing **span**
infinite **span** wings
Spanish Sahara
Spanish space program
spanloader aircraft
spanwise blowing
SPAR (rocket)
use Space Processing Applications Rocket
spare parts
spark chambers
spark discharges
use electric sparks
spark gaps
spark ignition

spark machining
spark plugs
spark shadowgraph photography
use shadowgraph photography
sparks
electric **sparks**
Sparrow 2 missile
Sparrow 3 missile
Sparrow missiles
Spartan missile
Spartan satellites
SPAS (ESA platforms)
use Shuttle pallet satellites
spasms
spatial dependencies
spatial distribution
spatial filtering
spatial isotropy
use isotropy
spatial distribution
spatial marching
spatial orientation
use attitude (inclination)
spatial resolution
SPDL
use document markup languages
public **speaking**
Get Away **Specials** (STS)
endangered **species**
species diffusion
specific gravity
use density (mass/volume)
specific heat
specific impulse
application **specific** integrated circuits
specifications
aircraft **specifications**
equipment **specifications**
functional design **specifications**
specimen geometry
specimens
speckle holography
speckle interferometry
speckle patterns
spectra
absorption **spectra**
atomic **spectra**
continuous **spectra**
electromagnetic **spectra**
electronic **spectra**
emission **spectra**
energy **spectra**
gamma ray **spectra**
gratings **(spectra)**
infrared **spectra**
interstellar microwave **spectra**
use interstellar radiation
microwave spectra
line **spectra**
Lyman **spectra**
mass **spectra**
microwave **spectra**
molecular **spectra**
neutron **spectra**
noise **spectra**
oxygen **spectra**
plasma **spectra**
power **spectra**
radiation **spectra**
radio **spectra**
Raman **spectra**
rotational **spectra**
shock **spectra**
solar **spectra**
stellar **spectra**
UBV **spectra**
ultraviolet **spectra**
vibrational **spectra**
x ray **spectra**
RCA **spectra** 70 computer
spectral absorption
use absorption spectra
spectral analysis
use spectrum analysis
spectral bands
spectral correlation
spectral emission
spectral energy distribution
spectral line width
spectral lines
use line spectra
spectral methods
spectral noise
use white noise
spectral reconnaissance
spectral reflectance
spectral resolution
spectral sensitivity
spectral shift control
spectral shift control reactor
spectral signatures
spectral theory
spectrograms
spectrographs
high dispersion **spectrographs**
ultraviolet **spectrographs**
use ultraviolet spectrometers
X ray **spectrography**
use x ray spectroscopy
spectroheliographs
spectrohelioscopes
use spectroheliographs
Solar Backscatter UV **Spectrometer**
Total Ozone Mapping **Spectrometer**
spectrometers
Ebert **spectrometers**
Fabry-Perot **spectrometers**
filter wheel infrared **spectrometers**
gamma ray **spectrometers**
imaging **spectrometers**
infrared **spectrometers**
ion **spectrometers**
use mass spectrometers
laser **spectrometers**
mass **spectrometers**
microwave **spectrometers**
neutron **spectrometers**
retarding ion mass **spectrometers**
use mass spectrometers
solar **spectrometers**
time of flight **spectrometers**
triple axis **spectrometers**
use neutron spectrometers
ultraviolet **spectrometers**
x ray **spectrometers**
spectrometry
use spectroscopy

mass **spectrometry**
use mass spectroscopy
secondary ion mass **spectrometry**
SIMS **(spectrometry)**
X ray **spectrometry**
use x ray spectroscopy
spectrophotography
spectrophotometers
infrared **spectrophotometers**
ultraviolet **spectrophotometers**
spectrophotometry
stellar **spectrophotometry**
spectrophotovoltaics
spectropolarimeters
use polarimeters
X Ray **Spectropolarimetry** Payload
use EXPOS (Spacelab payload)
spectroradiometers
spectroscopes
use spectrometers
spectroscopic analysis
Far UV **Spectroscopic** Explorer
spectroscopic telescopes
spectroscopy
absorption **spectroscopy**
astronomical **spectroscopy**
Auger **spectroscopy**
auroral **spectroscopy**
coherent anti-Stokes Raman **spectroscopy**
use Raman spectroscopy
electron **spectroscopy**
flame **spectroscopy**
gas **spectroscopy**
holographic **spectroscopy**
infrared **spectroscopy**
ion mobility **spectroscopy**
laser **spectroscopy**
magnetic **spectroscopy**
mass **spectroscopy**
molecular **spectroscopy**
nuclear radiation **spectroscopy**
optical emission **spectroscopy**
optogalvanic **spectroscopy**
photoacoustic **spectroscopy**
photoelectron **spectroscopy**
radio **spectroscopy**
Raman **spectroscopy**
ultrasonic **spectroscopy**
ultraviolet **spectroscopy**
vacuum **spectroscopy**
x ray **spectroscopy**
optical **spectrum**
use light (visible radiation)
spectra
visible **spectrum**
spectrum analysis
spread **spectrum** transmission
orbit **spectrum** utilization
specular reflection
speech
articulation **(speech)**
consonants **(speech)**
speech baseband compression
speech defects
speech discrimination
use speech recognition
speech recognition

speeches
use lectures
speed
use velocity
critical **speed**
use critical velocity
ground **speed**
high **speed**
hypersonic **speed**
landing **speed**
light **speed**
low **speed**
rotor **speed**
sonic **speed**
use acoustic velocity
subsonic **speed**
supersonic **speed**
tip **speed**
transonic **speed**
high **speed** cameras
transmission **speed** (communications)
use transmission rate (communications)
speed control
high **speed** flight
use flight
high speed
speed indicators
very high **speed** integrated circuits
use VHSIC (circuits)
high **speed** photography
constant **speed** propellers
use variable pitch propellers
speed regulation
use speed control
speed regulators
low **speed** stability
high **speed** transportation
use rapid transit systems
low **speed** wind tunnels
speedometers
use speed indicators
spent fuels
spermatocytes
use gametocytes
spermatogenesis
spermatozoa
Sport reactors
SPF (materials)
use superplastic forming
sphalerite
use zincblende
celestial **sphere**
Riemann **sphere**
use Riemann manifold
spheres
concentric **spheres**
falling **spheres**
Poincare **spheres**
rotating **spheres**
spherical antennas
spherical caps
spherical coordinates
spherical harmonics
spherical plasmas
spherical shells
spherical tanks
spherical waves
spheroids

oblate **spheroids**
prolate **spheroids**
spheromaks
spherules
spherulites
SPHINX
sphygmography
spicules
spiders
spike antennas
use monopole antennas
spike nozzles
spike potentials
spikes
spikes (aerodynamic configurations)
spiking
spilling
spin
aircraft **spin**
electron **spin**
isotopic **spin**
nuclear **spin**
particle **spin**
polarization (**spin** alignment)
spin- **spin** coupling
spin decoupling
spin dynamics
spin exchange
spin forging
use metal spinning
spin glass
spin-lattice relaxation
spin-orbit interactions
spin reduction
spin resonance
electron **spin** resonance
use electron paramagnetic resonance
muon **spin** rotation
visible infrared **spin** scan radiometer
U **spin** space
dual **spin** spacecraft
spin stabilization
spin temperature
spin tests
spin waves
use magnons
spinach
spinal cord
spindles
spine
spinel
spinners
melt **spinning**
metal **spinning**
wet **spinning**
spinning (metallurgy)
use metal spinning
spinning solid upper stage
spinning unguided rocket trajectory
spinor groups
spiral antennas
log **spiral** antennas
spiral galaxies
spiral wrapping
spirals
spirals (concentrators)
spirometers
Spitsbergen (Norway)

splashing
spleen
splicing
spline functions
splines
splints
split flaps
splits (geology)
use geological faults
beam **splitters**
splitting
crystal field **splitting**
use crystal field theory
flux difference **splitting**
flux vector **splitting**
water **splitting**
Roe flux difference **splitting** scheme
use flux difference splitting
spodumene
spoiler slot ailerons
spoilers
spokes
sponges (materials)
spontaneous combustion
spontaneous emission
spools
sporadic E layer
sporadic meteoroids
spores
sports medicine
Jupiter red **spot**
SPOT (French satellite)
flying **spot** scanners
spot welds
spray characteristics
spray condensers
spray ingestion
spray nozzles
salt **spray** tests
sprayed coatings
sprayed protective coatings
use protective coatings
sprayed coatings
sprayers
spraying
arc **spraying**
flame **spraying**
metal **spraying**
plasma **spraying**
plasma arc **spraying**
use arc spraying
spraying apparatus
use sprayers
sprays
use sprayers
fuel **sprays**
propellant **sprays**
spread F
point **spread** functions
spread reflection
spread spectrum transmission
spreading
ocean floor **spreading**
use sea floor spreading
sea floor **spreading**
spring (season)
springs (elastic)
springs (water)
sprinkling

Sprint missile
North Polar **Spur** (astronomy)
SPUR (reactors)
use space power unit reactors
SPURT (trajectories)
use spinning unguided rocket trajectory
Sputnik 1 satellite
Sputnik 2 satellite
Sputnik 3 satellite
Sputnik 4 satellite
Sputnik 5 satellite
Sputnik satellites
sputtering
magnetron **sputtering**
sputtering gages
squalls
squama
root-mean- **square** errors
Latin **square** method
mean **square** values
square waves
square wells
squares (mathematics)
least **squares** method
squeeze casting
squeeze films
squeezed states (quantum theory)
squeezing
use compressing
squelch circuits
XM-6 **squib**
use squibs
XM-8 **squib**
use squibs
squibs
squid (detectors)
SQUID project
squirrels
ground **squirrels**
SR-71 aircraft
Bi- **Sr**-Ca-Cu-O superconductors
SR-N2 ground effect machine
Westland **SR**-N2 ground effect machine
Westland **SR**-N2 hovercraft
SR-N3 ground effect machine
Westland **SR**-N3 ground effect machine
Westland **SR**-N3 hovercraft
SR-N5 ground effect machine
Westland **SR**-N5 ground effect machine
SR (reactors)
use saturable reactors
SRB (Solid Rocket Boosters)
use Space Shuttle Boosters
SRE reactor
use sodium reactor experiment
SRET 1 satellite
SRET 2 satellite
SRET satellites
Sri Lanka
SS-11 missile
SSGS (standardized space guidance)
use standardized space guidance
SSTI
use small satellite technology
SSUS-A
SSUS-D
St Lawrence Valley (North America)
St Louis-Kansas City Corridor (MO)

St Venant flexure problem
use Saint Venant principle
stability
acoustic **stability**
use frequency stability
aerodynamic **stability**
aircraft **stability**
attitude **stability**
boundary layer **stability**
combustion **stability**
control **stability**
controlled **stability**
use control
dimensional **stability**
directional **stability**
dynamic **stability**
elastic **stability**
use damping
flame **stability**
flow **stability**
flying platform **stability**
use aerodynamic stability flying platforms
frequency **stability**
gyroscopic **stability**
hovering **stability**
hydrodynamic **stability**
use flow stability
hydromagnetic **stability**
use magnetohydrodynamic stability
interface **stability**
laser **stability**
lateral **stability**
longitudinal **stability**
low speed **stability**
magnetohydrodynamic **stability**
motion **stability**
numerical **stability**
plasma **stability**
use magnetohydrodynamic stability
pulling (frequency **stability)**
rotary **stability**
shell **stability**
spacecraft **stability**
static **stability**
storage **stability**
structural **stability**
surface **stability**
systems **stability**
thermal **stability**
stability augmentation
stability derivatives
phase **stability** (materials)
stability tests
flight **stability** tests
wind tunnel **stability** tests
stabilization
missile **stabilization**
use missile control stabilization
signal **stabilization**
spin **stabilization**
three axis **stabilization**
stabilized platforms
yttria- **stabilized** zirconia
stabilizers
current **stabilizers**
use current regulators

horizontal **stabilizers**
use stabilizers (fluid dynamics)
vertical **stabilizers**
use stabilizers (fluid dynamics)
stabilizers (agents)
stabilizers (fluid dynamics)
stable oscillations
Apollo short **stack**
stacking fault energy
stacking faults
use crystal defects
stacking sequence (composite materials)
stacks
STADAN (satellite tracking network)
use STDN (network)
stadimeters
Inertial Upper **Stage**
Lunar Module Ascent **Stage**
Saturn S-1 **stage**
Saturn S-1B **stage**
Saturn S-1C **stage**
Saturn S-2 **stage**
Saturn S-4 **stage**
Saturn S-4B **stage**
Space Shuttle Ascent **Stage**
spinning solid upper **stage**
Space Shuttle upper **stage** A
Space Shuttle upper **stage** D
two **stage** plasma engines
upper **stage** rocket engines
single **stage** rocket vehicles
stage separation
interim upper **stage** (STS)
use Inertial Upper Stage
single **stage** to orbit vehicles
two **stage** turbines
Saturn **stages**
Space Shuttle upper **stages**
expendable **stages** (spacecraft)
interim **stages** (spacecraft)
staggering
staging (rockets)
use stage separation
stagnation flow
stagnation point
stagnation pressure
stagnation region
use stagnation point
stagnation temperature
staining
stainless steels
austenitic **stainless** steels
ferritic **stainless** steels
martensitic **stainless** steels
staircases
use stairways
stairsteps
stairways
stalling
aerodynamic **stalling**
rotating **stalls**
stamping
standard atmospheres
use reference atmospheres
standard deviation
standard electroweak model
use electroweak model
standard launch vehicle 3
use Atlas SLV-3 launch vehicle
Standard Launch Vehicle 5
Standard Launch Vehicles
standard model (particle physics)
standardization
standardized space guidance
SSGS **(standardized** space guidance)
standards
frequency **standards**
references **(standards)**
standing wave ratios
standing waves
modes **(standing** waves)
nodes **(standing** waves)
stands
use supports
test **stands**
stannates
stannides
niobium **stannides**
Stanton number
staphylococcus
Mira Ceti **star**
use Omicron Ceti star
Nemesis **(star)**
Omicron Ceti **star**
solar companion **star**
use Nemesis (star)
Van Biesbroeck **star**
Zeta Aurigae **star**
CDC **Star** 100 computer
Jet **Star** aircraft
use C-140 aircraft
Shooting **Star** aircraft
use T-33 aircraft
Warning **Star** aircraft
use C-121 aircraft
star catalogs
use astronomical catalogs
Virgo **star** cluster
use Virgo galactic cluster
star clusters
Praesepe **star** clusters
star distribution
star fields
use star distribution
star formation
star formation rate
Hyla- **Star** rocket vehicle
CCD **star** tracker
Stellar **(star** tracker)
star trackers
star tracking
use star trackers
starburst galaxies
starches
Starfighter aircraft
use F-104 aircraft
Stark effect
Starlab
Starlifter aircraft
use C-141 aircraft
Starprobe mission
Starprobe spacecraft
starquakes
stars
A **stars**

AGB **stars**
use asymptotic giant branch stars
asymptotic giant branch **stars**
B **stars**
binary **stars**
blue **stars**
brown dwarf **stars**
C **stars**
use carbon stars
carbon **stars**
companion **stars**
cool **stars**
double **stars**
dwarf **stars**
early **stars**
eclipsing binary **stars**
F **stars**
flare **stars**
G **stars**
giant **stars**
helium **stars**
use B stars
horizontal branch **stars**
hot **stars**
infrared **stars**
irregular variable **stars**
K **stars**
Lambda Tauri **stars**
laser guide **stars**
late **stars**
M **stars**
magnetic **stars**
main sequence **stars**
massive **stars**
metallic **stars**
neutron **stars**
O **stars**
peculiar **stars**
pre-main sequence **stars**
R Coronae Borealis **stars**
radio **stars**
RCB **stars**
use R Coronae Borealis stars
red dwarf **stars**
red giant **stars**
reference **stars**
S **stars**
semiregular variable **stars**
shell **stars**
subdwarf **stars**
subgiant **stars**
supergiant **stars**
supermassive **stars**
symbiotic **stars**
T Tauri **stars**
triple **stars**
UV Ceti **stars**
use flare stars
variable **stars**
W **stars**
use Wolf-Rayet stars
white dwarf **stars**
Wolf-Rayet **stars**
W-R **stars**
use Wolf-Rayet stars
x ray **stars**
stars (mathematics)
Starsat telescope
Starsite program

starspots
air **start**
starters
engine **starters**
starting
in-flight **starting**
use air start
reactor **startup** tests
carrier density (solid **state**)
carrier transport (solid **state**)
CVM (solid **state**)
energy gaps (solid **state**)
equations of **state**
ground **state**
Hugoniot equation of **state**
metastable **state**
rapid eye movement **state**
self diffusion (solid **state**)
solid **state**
steady **state**
triplet **state**
use atomic energy levels
unsteady **state**
steady **state** creep
solid **state** devices
state equations
use equations of state
state estimation
steady **state** flow
use equilibrium flow
solid **state** lasers
finite- **state** machines
solid **state** physics
state vectors
armed forces (United **States**)
Commonwealth of Independent **States**
electron **states**
excited **states**
use excitation
quasi-steady **states**
rotational **states**
sea **states**
two photon coherent **states**
use squeezed states (quantum theory)
United **States**
USA (United **States**)
vibrational **states**
squeezed **states** (quantum theory)
static aerodynamic characteristics
static alternators
static characteristics
static deformation
static dischargers
static electricity
static firing
static friction
static inverters
static loads
static models
static pressure
static stability
static tests
static thrust
statics
Columbus space **station**
Freedom Space **Station**
use Space Station Freedom
Halo Orbit space **station**

International Space **Station**
Mir space **station**
MTFF (space **station)**
Salyut space **station**
Space **Station** Freedom
space **station** payloads
space **station** polar platforms
space **station** power supplies
space **station** propulsion
space **station** structures
integrated global ocean **station** systems
SKYLAB space **station** (unmanned)
use Skylab 1
stationary orbits
stationkeeping
stations
Automatic Universal Orbiting **Stations**
automatic weather **stations**
crew **stations**
use crew workstations
crew experiment **stations**
crew observation **stations**
Earth orbiting space **stations**
use space stations
ground **stations**
hydroelectric power **stations**
hydropower **stations**
use hydroelectric power stations
manned orbital space **stations**
use space stations
meteorological **stations**
use weather stations
MOSS (space **stations)**
ocean data **stations**
use ocean data acquisitions systems
orbiting lunar **stations**
payload **stations**
polar platforms (space **stations)**
satellite solar power **stations**
self deploying space **stations**
use self erecting devices
space stations
space **stations**
tracking **stations**
weather **stations**
statistical analysis
multivariate **statistical** analysis
statistical communication theory
use communication theory
statistical correlation
statistical decision theory
statistical distributions
statistical mechanics
statistical moments
use distribution moments
statistical probability
use probability theory
statistical tests
statistical weather forecasting
statistics
Bayesian **statistics**
use Bayes theorem
Bose-Einstein **statistics**
use quantum statistics
discriminant analysis **(statistics)**
entropy **(statistics)**
Fermi-Dirac **statistics**
median **(statistics)**
mode **(statistics)**
nonparametric **statistics**
normalizing **(statistics)**
outliers **(statistics)**
quantum **statistics**
regression **(statistics)**
variance **(statistics)**
stator blades
rotor **stator** interactions
stators
statutes
use law (jurisprudence)
stays
use guy wires
STDN (network)
steady flow
steady state
steady state creep
steady state flow
use equilibrium flow
quasi- **steady** states
stealth bomber
use B-2 aircraft
steam
steam flow
steam generators
use boilers
steam turbines
stearates
stearothermophilus
steatite
use talc
bainitic **steel**
Blue **Steel** missile
steel structures
steels
austenitic stainless **steels**
carbon **steels**
chromium **steels**
ferritic stainless **steels**
high strength **steels**
low alloy **steels**
use high strength steels
low carbon **steels**
maraging **steels**
martensitic stainless **steels**
nickel **steels**
stainless **steels**
steep gradient aircraft
use V/STOL aircraft
steepest ascent method
use steepest descent method
steepest descent method
steepness
use slopes
steerable antennas
inertialess **steerable** antennas
steering
beam **steering**
steering rockets
use control rockets
Stefan-Boltzmann law
stellar activity
stellar atmospheres
stellar color
stellar composition
stellar convection
stellar cores
stellar coronas

stellar Doppler shift
use Doppler effect
stellar envelopes
stellar evolution
stellar fields
use star distribution
stellar flares
stellar gravitation
stellar interiors
stellar luminosity
stellar magnetic fields
stellar magnetospheres
stellar magnitude
stellar mass
stellar mass accretion
stellar mass ejection
stellar models
stellar motions
stellar occultation
stellar orbits
stellar oscillations
stellar parallax
stellar physics
stellar radiation
quasi- **stellar** radio sources
stellar rotation
stellar spectra
stellar spectrophotometry
Stellar (star tracker)
use CCD star tracker
stellar structure
stellar systems
stellar temperature
stellar winds
stellarators
Haynes **Stellite**
use Stellite (trademark)
Stellite (trademark)
brain **stem**
stems
stencil processes
step faults
use geological faults
step functions
step recovery diodes
steppes
stepping motors
stepping switches
steps
backward facing **steps**
forward facing **steps**
rearward facing **steps**
use backward facing steps
stereochemistry
stereography
use stereophotography
stereolithography
use lithography
stereophonics
stereophotography
stereoscopic photography
use stereophotography
stereoscopic vision
stereoscopy
stereotelevision
sterilization
chemical **sterilization**
spacecraft **sterilization**
sterilization effects

sterns
use afterbodies
sternum
steroids
stethoscopes
control **sticks**
Stieltjes integral
stiff structures
use rigid structures
stiffening
stiffness
stiffness matrix
stigmatism
stilbene
stills
stimulants
central nervous system **stimulants**
stimulated emission
stimulated emission devices
stimulation
self **stimulation**
sensory **stimulation**
stimuli
auditory **stimuli**
caloric **stimuli**
electric **stimuli**
subliminal **stimuli**
visual **stimuli**
Stirling cycle
Stirling engines
stirring
stishovite
stochastic processes
stockpiling
stoichiometry
Stokes-Beltrami equation
Navier- **Stokes** equation
Stokes flow
Stokes law
Stokes law (fluid mechanics)
Stokes law of radiation
coherent anti- **Stokes** Raman spectroscopy
Stokes theorem (vector calculus)
STOL aircraft
use short takeoff aircraft
V/ **STOL** aircraft
experimental **STOL** transport rsch airplane
use Questol aircraft
stomach
stones (rocks)
use rocks
stony-iron meteorites
stony meteorites
stopcocks
use cocks
seals **(stoppers)**
stopping
stopping power
propellant **storability**
storable propellants
storage
buffer **storage**
core **storage**
cryogenic **storage**
cryogenic computer **storage**
cryogenic fluid **storage**
data **storage**
delay lines (computer **storage)**
document **storage**

electric energy **storage**
energy **storage**
heat **storage**
ion **storage**
machine **storage**
use computer storage devices
core storage
magnetic **storage**
magnetic energy **storage**
missile **storage**
optical memory (data **storage**)
propellant **storage**
silos (missile **storage**)
solar ponds (heat **storage**)
space **storage**
thermal energy **storage**
use heat storage
underground **storage**
storage batteries
computer **storage** devices
energy **storage** devices
use energy storage
optical data **storage** materials
storage rings (particle accelerators)
storage stability
storage tanks
store release
use external store separation
external **store** separation
external **stores**
pods (external **stores**)
wing-fuselage **stores**
sudden **storm** commencements
storm damage
storm enhancement
storm suppression
storm surges
storms
dust **storms**
geomagnetic **storms**
use magnetic storms
ionospheric **storms**
magnetic **storms**
noise **storms**
solar **storms**
tropical **storms**
storms (meteorology)
Severe **Storms** Observing Satellite
use StormSat satellite
National Severe **Storms** Project
StormSat satellite
Stoss-and-Lee topography
STOVL aircraft
stowage (onboard equipment)
straight wings
use rectangular wings
axial **strain**
interfacial **strain**
use interfacial tension
plane **strain**
shear **strain**
structural **strain**
uniaxial **strain**
use axial strain
volumetric **strain**
strain aging
use precipitation hardening
stress- **strain** diagrams
strain distribution

strain energy methods
strain energy release rate
strain fatigue
use fatigue (materials)
strain gage accelerometers
strain gage balances
strain gages
strain hardening
strain measurement
strain rate
stress- **strain** relationships
strain softening
use plastic deformation
stress- **strain**-time relations
Torres **Strait**
straits
strakes
strands
strange attractors
strangeness
strapdown inertial guidance
straps
strata
strategic materials
strategy
stratification
atmospheric **stratification**
stratified flow
stratified layers
use strata
stratigraphy
stratocumulus clouds
Stratofortress aircraft
use B-52 aircraft
Stratojet aircraft
use B-47 aircraft
stratopause
Stratoscope 1 telescope
use stratoscopu telescopes
Stratoscope 2 telescope
use stratoscope telescopes
stratoscope telescopes
stratosphere
stratosphere radiation
Stratospheric Aerosol & Gas Experiment
use SAGE satellite
Stratospheric Observatory for IR Astronomy
use SOFIA (airborne observatory)
stratospheric warming
Stratotanker aircraft
use C-135 aircraft
stratus clouds
streak cameras
Blue **Streak** launch vehicle
Blue **Streak** missile
streak photography
Gulf **Stream**
multiple instruction multiple data **stream**
use MIMD (computers)
variable **stream** control engines
free **stream** effects
use free flow
stream functions (fluids)
acoustic **streaming**
streamline flow
use laminar flow
streamlined bodies

streamlining
streams
free **streams**
use free flow
gas **streams**
solar **streams**
use solar corpuscular radiation
jet **streams** (meteorology)
Karman vortex **street**
streets
vortex **streets**
strength
bending **strength**
use flexural strength
cold **strength**
compressive **strength**
creep **strength**
creep rupture **strength**
elastic **strength**
use proportional limit
electric field **strength**
fiber **strength**
field **strength**
flexural **strength**
fracture **strength**
high **strength**
impact **strength**
material **strength**
use mechanical properties
microyield **strength**
muscular **strength**
notch **strength**
residual **strength**
shear **strength**
stress rupture **strength**
use creep rupture strength
tensile **strength**
weld **strength**
yield **strength**
high **strength** alloys
strength of materials
use mechanical properties
high **strength steels**
dispersion **strengthening**
oxide dispersion **strengthening**
oscillator **strengths**
streptococcus
streptomycetes
streptomycin
axial **stress**
centrifuging **stress**
combined **stress**
critical **stress**
use critical loading
flight **stress**
inelastic **stress**
interlaminar **stress**
internal **stress**
use residual stress
mental **stress**
use stress (psychology)
plane **stress**
plant **stress**
residual **stress**
Reynolds **stress**
shear **stress**
shearing **stress**
use shear stress
space flight **stress**

tensile **stress**
torsional **stress**
vibrational **stress**
stress analysis
hydrothermal **stress** analysis
x ray **stress** analysis
stress (biology)
flight **stress** (biology)
matrix **stress** calculation
use matrix methods
stress calculations
use stress analysis
stress concentration
stress corrosion
stress corrosion cracking
stress cycles
stress distribution
stress fields
use stress distribution
stress functions
stress intensity factors
stress measurement
photoelastic **stress** measurement
use photoelastic analysis
x ray **stress** measurement
stress (physiology)
stress propagation
stress (psychology)
stress ratio
stress relaxation
stress relieving
stress rupture strength
use creep rupture strength
stress-strain diagrams
stress-strain relationships
stress-strain-time relations
stress tensors
stress waves
stressed-skin structures
stresses
thermal **stresses**
triaxial **stresses**
acceleration **stresses** (physiology)
stretch forming
stretchers
stretching
striation
string theory
stringers
strings
strip
parallel **strip** lines
use microstrip transmission lines
strip mining
strip transmission lines
stripping
anodic **stripping**
ion **stripping**
paint **stripping**
use paint removal
stripping (distillation)
metal **strips**
stroboscopes
heat **stroke**
stroke volume
strokes
stroking tests
strong interactions (field theory)
strongly coupled plasmas

strontium
strontium 85
strontium 87
strontium 88
strontium 89
strontium 90
strontium bromides
strontium compounds
strontium fluorides
strontium isotopes
strontium oxides
strontium sulfides
strontium titanates
strontium zirconates
Strouhal number
Drones for Aerodynamic and **Struct** Test
use DAST program
vibrational frequencies **(structural)**
structural analysis
dynamic **structural** analysis
NASA **Structural** Analysis program
use NASTRAN
structural basins
structural beams
use beams (supports)
structural design
structural design criteria
structural dynamics
use dynamic structural analysis
structural engineering
structural failure
structural fatigue
use fatigue (materials)
domes **(structural** forms)
shells **(structural** forms)
structural foundations
use foundations
structural influence coefficients
structural materials
use construction materials
skin **(structural** member)
structural members
plates **(structural** members)
studs **(structural** members)
structural properties (geology)
structural reliability
structural rigidity
use structural stability
structural stability
structural strain
bays **(structural** units)
structural vibration
structural weight
atomic **structure**
crystal **structure**
Earth planetary **structure**
electronic **structure**
use atomic structure
fine **structure**
galactic **structure**
hyperfine **structure**
mantle (Earth **structure)**
molecular **structure**
nanocrystalline **structure**
use nanostructure (characteristics)
nuclear **structure**
planetary **structure**
stellar **structure**
Widmanstatten **structure**

band **structure** of solids
structured grids (mathematics)
structured programming
structures
aircraft **structures**
bridges **(structures)**
building **structures**
use buildings
composite **structures**
concrete **structures**
data **structures**
earthquake resistant **structures**
expandable **structures**
folding **structures**
honeycomb **structures**
hulls **(structures)**
hybrid **structures**
inflatable **structures**
inflatable space **structures**
insulated **structures**
intelligent **structures**
use smart structures
intramolecular **structures**
isotensoid **structures**
large space **structures**
membrane **structures**
missile **structures**
monocoque **structures**
multilayer **structures**
use laminates
netting (materials/ **structures)**
partitions **(structures)**
planar **structures**
plastic aircraft **structures**
ramps **(structures)**
redundant **structures**
use redundant components
reinforcement **(structures)**
rigid **structures**
ring **structures**
sandwich **structures**
smart **structures**
space erectable **structures**
space station **structures**
spacecraft **structures**
steel **structures**
stiff **structures**
use rigid structures
stressed-skin **structures**
telescoping **structures**
use folding structures
underground **structures**
underwater **structures**
unimolecular **structures**
variable geometry **structures**
welded **structures**
wooden **structures**
struts
strychnine
STS
use space transportation system
Advanced Launch System **(STS)**
Advanced Solid Rocket Motor **(STS)**
approach and landing tests **(STS)**
ASRM **(STS)**
Astro missions **(STS)**
entry guidance **(STS)**
Get Away Specials **(STS)**
interim upper stage **(STS)**

payload delivery **(STS)**

payload retrieval **(STS)**

power modules **(STS)**

turnaround **(STS)**

STS-1

STS-2

STS-3

STS-4

students

studies

use investigation

tracking **studies**

use tracking (position)

studs (structural members)

International Magnetospheric **Study**

International Sats for Ionospheric **Study**

use ISIS satellites

stunt flying

use aerobatics

Sturm–Liouville operator

Sturm–Liouville theory

styluses

use pens

styphnates

styrenes

styrofoam (trademark)

subarctic regions

subassemblies

subaudible frequencies

subcarrier waves

use carrier waves

subcircuits

use circuits

subcontracts

subcritical flow

subcritical mass

subdivisions

subduction (geology)

subdwarf stars

subgiant stars

subgravity

use microgravity

subgroups

subharmonic generators

SUBIC project

use Submarine Integrated Control project

subjects

sublattices

use lattices (mathematics)
subgroups

sublayers

use substrates

sublethal dosage

sublimation

subliminal stimuli

trident **submarine**

submarine cables

Submarine Integrated Control project

submarine propulsion

submarines

ballistic missile **submarines**

guided missile **submarines**

Polaris **submarines**

use guided missile submarines

submerged bodies

submerging

submersible aircraft

submillimeter waves

subminiaturization

suborbital flight

carbon **suboxides**

subreflectors

Subroc missile

subroutine libraries (computers)

subroutines

subsets (mathematics)

use set theory

subsidence

subsidiaries

subsonic aircraft

subsonic flow

subsonic flutter

subsonic speed

subsonic wind tunnels

substances

use materials

gums **(substances)**

substitutes

substitution

use substitutes

magnetic **substorms**

use magnetic storms

polar **substorms**

substrates

substructures

personnel **subsystems**

subtraction

holographic **subtraction**

self **subtraction** holography

use holographic subtraction

subtropical regions

use temperate regions
tropical regions

suburban areas

subzero temperature

Success project

succinimides

sucrose

suction

Sud Aviation aircraft

Sud Aviation SA-321 helicopter

use SA-321 helicopter

Sud Aviation SA-330 helicopter

use SA-330 helicopter

Sud Aviation SE-210 aircraft

use SE-210 aircraft

Sud Aviation SE-3160 helicopter

use SE-3160 helicopter

Sudan

sudden enhancement of atmospherics

sudden ionospheric disturbances

sudden storm commencements

sugar beets

sugar cane

sugars

suggestion

Suhl effect

suitability

suits

pressure **suits**

space **suits**

Sukhoi aircraft

hydroxylamine **sulfate**

sulfates

ammonium **sulfates**

lithium **sulfates**

magnesium **sulfates**

sodium **sulfates**
sulfation
sulfidation
hydrogen **sulfide**
sulfides
barium **sulfides**
bismuth **sulfides**
cadmium **sulfides**
calcium **sulfides**
copper **sulfides**
indium **sulfides**
inorganic **sulfides**
lead **sulfides**
molybdenum **sulfides**
strontium **sulfides**
zinc **sulfides**
sulfites
sodium **sulfites**
sulfonates
sulfones
sulfonic acid
sulfur
lithium **sulfur** batteries
sodium **sulfur** batteries
sulfur chlorides
sulfur compounds
organic **sulfur** compounds
sulfur dioxides
sulfur fluorides
sulfur hexafluoride
sulfur isotopes
sulfur oxides
sulfuric acid
sum rules
summaries
prelaunch **summaries**
binary **summators**
use adding circuits
summer
sumps
sums
sun
International **Sun** Earth Explorer 1
International **Sun** Earth Explorer 2
International **Sun** Earth Explorer 3
International **Sun** Earth Explorers
sun sensors
use solar sensors
International Quiet **Sun** Year
Sunblazer space probe
sunflowers
sunglasses
sunlight
sunrise
sunset
sunspot cycle
sunspots
superconducting **super** collider
Super Sabre aircraft
use F-100 aircraft
superalloys
use heat resistant alloys
supercavitating flow
supercavitation
use supercavitating flow
superchargers
supercharging
use superchargers

SuperCobra
use AH-1W helicopter
supercomputers
superconducting cavity resonators
superconducting devices
superconducting films
superconducting magnets
superconducting power transmission
superconducting quantum interferometers
use squid (detectors)
superconducting super collider
superconductivity
superconductor insulator superconductors
use SIS (superconductors)
Bi-Sr-Ca-Cu-O **superconductors**
use BSCCO superconductors
BSCCO **superconductors**
high temperature **superconductors**
HTSC **(superconductors)**
organic **superconductors**
SIS **(superconductors)**
superconductor insulator **superconductors**
use SIS (superconductors)
Y-Ba-Cu-O **superconductors**
use YBCO superconductors
YBCO **superconductors**
superconductors (materials)
supercooling
supercritical airfoils
supercritical flow
supercritical fluids
supercritical pressures
supercritical wings
superfluid flow
use superfluidity
superfluidity
superfortress aircraft
use B-50 aircraft
supergiant stars
supergravity
superharmonics
superheating
superheterodyne receivers
superhigh frequencies
superhybrid materials
superimposition (mathematics)
use superposition (mathematics)
Lake **Superior**
superlattices
supermagnets
use high field magnets
supermassive stars
supernova 1987A
supernova remnants
supernovae
superoxides
use inorganic peroxides
superplastic forming
superplasticity
superposition (mathematics)
superpressure balloons
superrotation
supersaturation
supersonic aircraft
supersonic airfoils
supersonic boundary layers
supersonic combustion

supersonic combustion ramjet engines
supersonic commercial air transport
supersonic compressors
supersonic cruise aircraft research
supersonic diffusers
supersonic drag
supersonic flight
supersonic flow
supersonic flow inlets
use supersonic inlets
supersonic flutter
supersonic heat transfer
supersonic inlets
supersonic jet flow
supersonic low altitude missile
supersonic nozzles
supersonic speed
supersonic test apparatus
supersonic transports
supersonic turbines
supersonic wakes
supersonic wind tunnels
supersonics
superstring theory
use string theory
supersymmetry
supine position
supplements
aircraft power **supplies**
consumables (spacecrew **supplies)**
electric power **supplies**
power **supplies**
space station power **supplies**
spacecraft power **supplies**
magazines **(supply** chambers)
power **supply** circuits
oxygen **supply** equipment
supplying
feeding **(supplying)**
satellite ground **support**
ground **support** equipment
support interference
Integrated Maneuvering Life **Support** Sys
use IMLSS
GOSS **(support** system)
ground operational **support** system
support systems
bioregenerative life **support** systems
use closed ecological systems
decision **support** systems
ground **support** systems
life **support** systems
pilot **support** systems
portable life **support** systems
supports
beams **(supports)**
columns **(supports)**
poles **(supports)**
ribs **(supports)**
saddles **(supports)**
webs **(supports)**
suppression
use retarding
explosion **suppression**
infrared **suppression**
lightning **suppression**
storm **suppression**
suppressors

echo **suppressors**
noise **suppressors**
use noise reduction
Earth **surface**
Lambert **surface**
lunar **surface**
Mars **surface**
Mercury **surface**
ocean **surface**
Venus **surface**
surface acoustic wave devices
surface-active agents
under **surface** blowing
upper **surface** blowing
upper **surface** blown flaps
surface cooling
surface cracks
external **surface** currents
surface defects
airport **surface** detection equipment
surface diffusion
surface distortion
surface effect ships
surface emitting lasers
surface energy
Apollo Lunar **Surface** Experiments Package
Early Apollo **Surface** Experiments Package
use EASEP
surface finishing
surface geometry
surface interactions
use surface reactions
surface ionization
surface layers
air to **surface** missiles
underwater to **surface** missiles
airfield **surface** movements
surface navigation
surface noise interactions
surface pressure
use pressure
surface properties
surface reactions
surface roughness
surface roughness effects
Mars **surface** samples
Lunar **Surface** Scientific Modules
use LSSM
surface stability
surface temperature
land **surface** temperature
sea **surface** temperature
surface tension
use interfacial tension
surface tension driven convection
surface to air missiles
surface to surface missiles
surface to surface rockets
surface treatment
sizing **(surface** treatment)
surface vehicles
lunar **surface** vehicles
manned lunar **surface** vehicles
surface water
surface waves
electromagnetic **surface** waves
surfaces
cold **surfaces**
control **surfaces**

Cosserat **surfaces**
crystal **surfaces**
curved **surfaces**
use contours
shapes
surfaces
elevators (control **surfaces)**
Fermi **surfaces**
flaps (control **surfaces)**
flat **surfaces**
horizontal tail **surfaces**
hot **surfaces**
hydroplanes **(surfaces)**
lifting **surfaces**
use lift devices
lifting bodies
surfaces
liquid **surfaces**
metal **surfaces**
minimal **surfaces**
planetary **surfaces**
satellite **surfaces**
selective **surfaces**
solid **surfaces**
sweptback tail **surfaces**
T tail **surfaces**
tabs (control **surfaces)**
tail **surfaces**
townsend **surfaces**
use Townsend avalanche
trapezoidal tail **surfaces**
surfactants
surgeons
flight **surgeons**
surgery
surges
storm **surges**
transients **(surges)**
surgical instruments
Surinam
surveillance
space **surveillance**
space **surveillance** (ground based)
surveillance radar
airborne **surveillance** radar
space **surveillance** (spaceborne)
Earth Resources **Survey** aircraft
local scientific **survey** module
Earth Resources **Survey** Program
surveying
use surveys
Surveyor 1 lunar probe
Surveyor 2 lunar probe
Surveyor 3 lunar probe
Surveyor 4 lunar probe
Surveyor 5 lunar probe
Surveyor 6 lunar probe
Surveyor 7 lunar probe
Surveyor lunar probes
Surveyor project
surveys
environmental **surveys**
geodetic **surveys**
geological **surveys**
magnetic **surveys**
wage **surveys**
sky **surveys** (astronomy)
aircraft **survivability**
spacecraft **survivability**

survival
survival equipment
magnetic **susceptibility**
use magnetic permeability
susceptibility (magnetism)
use magnetic permeability
electrically **suspended** gyroscopes
use electrostatic gyroscopes
suspending (hanging)
suspending (mixing)
magnetic **suspension**
annular **suspension** and pointing system
suspension systems (vehicles)
suspensions
solid **suspensions**
Susquehanna River Basin (MD-NY-PA)
self **sustained** emission
sustainer rocket engines
sustaining
emergency life **sustaining** systems
swaging
swallowing
swamps
use marshlands
Swan bands
swarming
swash
use splashing
SWATH (ship)
swath width
body **sway** test
Swaziland
sweat
sweat cooling
Palmer **sweat** index
sweating
use perspiration
Sweden
Swedish space program
leading edge **sweep**
sweep angle
sweep circuits
sweep effect
sweep frequency
variable **sweep** wings
sweepback
sweepback angles
use sweepback
electron **sweeping**
use sweep frequency
swelling
swept forward wings
swept wings
sweptback tail surfaces
sweptback wings
swimming
swimming pool reactors
swine
pigs **(swine)**
swing tail assemblies
swing wings
swingby technique
swirling
swirling wakes
use turbulent wakes
Swiss space program
Q **switched** lasers
switches

capacitance **switches**
electric **switches**
electronic **switches**
use switching circuits
pressure **switches**
stepping **switches**
vacuum arc **switches**
switching
beam **switching**
electro-optical **switching**
use optical switching
magnetic **switching**
microwave **switching**
optical **switching**
optoelectronic **switching**
use optical switching
packet **switching**
photonic **switching**
use optical switching
switching circuits
switching elements
use switching circuits
fluid **switching** elements
phase **switching** interferometers
switching theory
Switzerland
swivels
syenite
syllables
symbiosis
symbiotic stars
symbolic programming
symbols
letters **(symbols)**
signs **(symbols)**
symmetrical bodies
symmetry
broken **symmetry**
symmetry breaking
use broken symmetry
sympathetic nervous system
sympathomimetics
use adrenergics
Symphonie satellites
symposia
use conferences
symptomology
symptoms
use signs and symptoms
signs and **symptoms**
synapses
synchrocyclotrons
synchronism
synchronization
use synchronism
bit **synchronization**
frequency **synchronization**
synchronized oscillators
synchronizers
Synchronous Communication
Satellites
use SYNCOM satellites
Synchronous Communications
Satellite Proj
synchronous detectors
use correlators
Synchronous Earth Observatory
satellite
Synchronous Meteorological Satellite
synchronous motors
synchronous platforms
synchronous satellites
synchrophasing
synchrophasotrons
synchroscopes
synchrotron radiation
synchrotrons
synclines
synclinoria
use synclines
syncoders
SYNCOM 1 satellite
SYNCOM 2 satellite
SYNCOM 3 satellite
SYNCOM 4 satellite
SYNCOM apogee engines
SYNCOM satellites
syncope
acquired immunodeficiency **syndrome**
space adaptation **syndrome**
syndromes
use signs and symptoms
synoptic measurement
synoptic meteorology
syntax
syntectic alloys
synthane
synthesis
combustion **synthesis**
network **synthesis**
plasma jet **synthesis**
protein **synthesis**
synthesis (chemistry)
synthesizers
frequency **synthesizers**
synthetic aperture radar
synthetic apertures
synthetic arrays
synthetic fibers
synthetic food
synthetic fuels
synthetic metals
synthetic methane
use synthane
synthetic resins
synthetic rubbers
synthetic vision
use enhanced vision
syntony
syphilis
Syria
syringes
AIRS (reconnaissance **sys)**
Atmospheric & Oceanographic
Inform **Sys**
Integrated Maneuvering Life
Support **Sys**
use IMLSS
National Operational Environmental
Sat **Sys**
use NOESS
Global Orbiting Navigation Satellite **Sys.**
use GLONASS
AFCS (control **system)**
African rift **system**
Airborne Integrated
Reconnaissance **System**

Airborne Warning and Control **System**
use AWACS aircraft
Aloha **system**
ALS (launch **system)**
annular suspension and pointing **system**
Apollo extension **system**
Argos **system**
Astroguide Navigation **System**
automated pilot advisory **system**
automated radar terminal **system**
autonomic nervous **system**
Ballistic Missile Early Warning **System**
Beacon Collision Avoidance **System**
Bioastronautical Orbital Space **System**
cardiovascular **system**
CEMS **system**
use Central Electronic Management System
Central Electronic Management **System**
central nervous **system**
circulatory **system**
Defense Communications Satellite **System**
digestive **system**
discrete address beacon **system**
Earth Resources Information **System**
Earth terminal measurement **system**
Earth-Moon **system**
EOS data and information **system**
Fleet Satellite Communication **System**
gastrointestinal **system**
genitourinary **system**
Global Positioning **System**
Goddard Trajectory Determination **System**
GOSS (support **system)**
ground operational support **system**
hematopoietic **system**
hot cycle propulsion **system**
use tip driven rotors
information adaptive **system**
Integ Med and Behavioral Lab Measur **System**
use IMBLMS
intravascular **system**
LESA (lunar exploration **system)**
Light Airborne Multipurpose **System**
LOCATES **system**
LORAC navigation **system**
metric **system**
use International System of Units
microwave scanning beam landing **system**
minitrack **system**
minitrack optical tracking **system**
use minitrack system
Miros **system**
Modular Integrated Utility **System**
MOTS (tracking **system)**
musculoskeletal **system**
NASA End-to-End Data **System**
use needs (data system)
NASA Interactive Planning **System**
National Airspace **System**
National Airspace Utilization **System**
National Aviation **System**
National Oceanic Satellite **System**
needs (data **system)**
nervous **system**
NIPS **(system)**
Nova Laser **System**
Omega Navigation **System**

payload deployment & retrieval **system**
peripheral nervous **system**
pilot landing aid television **system**
use PLAT system
PLAT **system**
polystation doppler tracking **system**
post boost propulsion **system**
Ranger block 3 television **system**
remote manipulator **system**
respiratory **system**
Saenger space transportation **system**
Safeguard **system**
SAGE air defense **system**
Sanger space transportation **system**
use Saenger space transportation system
Satellite and Missile Observation **System**
use Samos
Sentinel **system**
Shiva laser **system**
solar **system**
space detection and tracking **system**
space transportation **system**
SPADATS (tracking **system)**
sympathetic nervous **system**
teleoperator maneuvering **system**
use teleoperators
Terrain Contour Matching Navigation **System**
use TERCOM
TIROS operational satellite **system**
TRADEX radar **system**
Transit navigation **system**
Typhon weapon **system**
UNIX (operating **system)**
vascular **system**
use cardiovascular system
vasomotor nervous **system**
use nervous system
vortex advisory **system**
Space Transportation **System** 1 flight
Space Transportation **System** 2 flight
Space Transportation **System** 3 flight
Space Transportation **System** 4 flight
System 10 computer
use PDP 10 computer
weapon **system** 107A-1
weapon **system** 107A-2
weapon **system** 133A
weapon **system** 133B
weapon **system** 315A
Advanced Vidicon Camera **System** (AVCS)
propulsion **system** configurations
defense communications **system** (DCS)
central nervous **system** depressants
disk operating **system** (DOS)
system effectiveness
Earth Observing **System** (EOS)
EISCAT radar **system** (Europe)
solar **system** evolution
system failures
Space Transportation **System** flights
Lunar Exploration **System** for Apollo
system generated electromagnetic pulses
system identification
weapon **system** management
International **System** of Units
propulsion **system** performance
central nervous **system** stimulants

Advanced Launch **System** (STS)
systematic errors
systems
adaptive control **systems**
use adaptive control
Advanced EVA Protection **Systems**
use AEPS
aerospace **systems**
afferent nervous **systems**
air cushion landing **systems**
air data **systems**
aircraft fuel **systems**
aircraft hydraulic **systems**
all-weather landing **systems**
ascent propulsion **systems**
biocontrol **systems**
bioregenerative life support **systems**
use closed ecological systems
carrier **systems**
use wireless communication
celestial reference **systems**
chokes (fuel **systems)**
client server **systems**
closed ecological **systems**
closed loop **systems**
use feedback control
cockpit assistant **systems**
use pilot support systems
cockpit weather information **systems**
command **systems**
use command guidance
communication **systems**
use telecommunication
complex **systems**
control **systems**
use control
cooling **systems**
coordinate **systems**
use coordinates
data **systems**
data base management **systems**
data handling **systems**
use data systems
data readout **systems**
use data systems
display devices
decision support **systems**
deicing **systems**
use deicers
descent propulsion **systems**
Dewar **systems**
use cryogenic equipment
digital **systems**
digital command **systems**
digital radar **systems**
display **systems**
use display devices
distributed parameter **systems**
domestic satellite communications **systems**
dynamical **systems**
early warning **systems**
ecological **systems**
use ecosystems
efferent nervous **systems**
elastic **systems**
electronic recording **systems**
embedded computer **systems**
emergency life sustaining **systems**
endocrine **systems**
end-to-end data **systems**
escape **systems**
exhaust **systems**
expert **systems**
fail-safe **systems**
feed **systems**
flight management **systems**
flight termination **systems**
use abort apparatus
flotation **systems**
use floats
fuel **systems**
fuzzy **systems**
geographic information **systems**
ground support **systems**
hardening **(systems)**
hot gas **systems**
use high temperature gases
hybrid navigation **systems**
hydraulic **systems**
use hydraulic equipment
hydrothermal **systems**
hyperbolic **systems**
ignition **systems**
ILS (landing **systems)**
immune **systems**
induction **systems**
use intake systems
inertial reference **systems**
information **systems**
instrument landing **systems**
intake **systems**
integrated energy **systems**
integrated global ocean station **systems**
integrated library **systems**
jettison **systems**
knowledge based **systems**
landing **systems**
use landing aids
launch escape **systems**
LES (escape **systems)**
life support **systems**
linear **systems**
lubrication **systems**
lumped parameter **systems**
man machine **systems**
man operated propulsion **systems**
management **systems**
management information **systems**
MATTS **(systems)**
metal-gas **systems**
methoxy **systems**
microwave landing **systems**
MIMO (control **systems)**
missile **systems**
mobile communication **systems**
MOPS (propulsion **systems)**
MRAC **(systems)**
multiloop **systems**
use cascade control
multiple target trajectory **systems**
use MATTS (systems)
Nike X **systems**
nonlinear **systems**
observability **(systems)**
ocean data acquisitions **systems**
on-line **systems**
optical relay **systems**

oxygen **systems**
use oxygen supply equipment
personnel propulsion **systems**
use self maneuvering units
phase locked **systems**
piggyback **systems**
pilot support **systems**
planetary **systems**
pointing control **systems**
portable life support **systems**
power processing **systems**
use power conditioning
public address **systems**
radio relay **systems**
rapid transit **systems**
receiving **systems**
use receivers
reference **systems**
reproductive **systems**
sampled data **systems**
satellite navigation **systems**
self adaptive control **systems**
self organizing **systems**
single input single output **systems**
use SISO (control systems)
SISO (control **systems)**
solar dynamic power **systems**
solar total energy **systems**
sortie **systems**
stellar **systems**
support **systems**
takeoff **systems**
use aircraft launching devices
telegraph **systems**
teletypewriter **systems**
television **systems**
ternary **systems**
thermionic conversion **systems**
use thermionic power generation
thermoelectric conversion **systems**
use thermoelectric power generation
total energy **systems**
transcontinental **systems**
transoceanic **systems**
two phase **systems**
use binary systems (materials)
vacuum **systems**
variable mass **systems**
virtual memory **systems**
VOR **systems**
use VHF omnirange navigation
warning **systems**
weapon **systems**
wiring **systems**
use wiring
systems analysis
motor **systems** (biology)
use efferent nervous systems
systems compatibility
executive **systems** (computers)
use operating systems (computers)
operating **systems** (computers)
systems design
use systems engineering
computer **systems** design
control **systems** design
binary **systems** (digital)
use digital systems
ternary **systems** (digital)
use digital systems
systems engineering
space **systems** engineering
use aerospace engineering
Systems for Nuclear Auxiliary Power
use SNAP
systems health monitoring
IFF **systems** (identification)
systems integration
systems management
binary **systems** (materials)
computer **systems** performance
computer **systems** programs
rotor **systems** research aircraft
systems simulation
computer **systems** simulation
systems stability
suspension **systems** (vehicles)
systole
systolic arrays
systolic pressure

T

T-2 aircraft
J-69- **T-25** engine
T-28 aircraft
T-33 aircraft
T-34 engine
T-37 aircraft
T-38 aircraft
T-38 engine
T-39 aircraft
T-53 engine
T-55 engine
T-56 engine
T-58 engine
T-63 engine
T-64 engine
T-74 engine
T-76 engine
T-78 engine
K- **T** boundary
T shape
T tail surfaces
T Tauri stars
T2J aircraft
use T-2 aircraft
T3J aircraft
use T-39 aircraft
interference factor **table**
conversion **tables**
mathematical **tables**
water **tables**
tables (data)
tablets
tabs (control surfaces)
tabulating
use tabulation processes
tabulation
tabulation processes
Tacan
tachistoscopes
tachometers
tachycardia
tachyons
tachypnea

tackiness
TACT program
tactical air navigation
use Tacan
advanced **tactical** fighter
use F-22 aircraft
tactics
tactile discrimination
tactile sensation
use touch
tactile sensors (robotics)
Tafel law
tagging
use marking
TAGN
Lake **Tahoe** (CA-NV)
geomagnetic **tail**
tail assemblies
swing **tail** assemblies
body-wing and **tail** configurations
tail mountings
use tail assemblies
tail planes
use horizontal tail surfaces
tail rotors
helicopter **tail** rotors
tail surfaces
horizontal **tail** surfaces
sweptback **tail** surfaces
T **tail** surfaces
trapezoidal **tail** surfaces
tailless aircraft
tailoring
use design
comet **tails**
vertical **tails**
use stabilizers (fluid dynamics)
tail assemblies
tails (assemblies)
use tail assemblies
Taiwan
Tajikistan
takeoff
jet assisted **takeoff**
use JATO engines
vertical **takeoff**
short **takeoff** & vertical landing aircraft
use STOVL aircraft
short **takeoff** aircraft
vertical **takeoff** aircraft
water **takeoff** and landing aircraft
vertical **takeoff** and landing
use vertical landing
vertical takeoff
vertical attitude **takeoff**-landing aircraft
takeoff runs
takeoff systems
use aircraft launching devices
talc
talking
Talon aircraft
use T-38 aircraft
Talos missile
tandem mirrors
tandem rotor helicopters
tandem wing aircraft
tangential blowing
tangents
tangling

tank geometry
fuel **tank** pressurization
tank trucks
tanker aircraft
tanker ships
tanker terminals
tankers
cylindrical **tanks**
external **tanks**
fuel **tanks**
propellant **tanks**
rocket propellant **tanks**
use propellant tanks
spherical **tanks**
storage **tanks**
wing **tanks**
tanks (combat vehicles)
tanks (containers)
tantalum
tantalum alloys
tantalum carbides
tantalum compounds
tantalum isotopes
tantalum nitrides
tantalum oxides
Tanzania
tape recorders
magnetic **tape** recorders
use magnetic recording
tape recorders
video **tape** recorders
magnetic **tape** transports
taper
use tapering
tapered columns
tapered wings
use swept wings
tapering
tapes
audio **tapes**
computer compatible **tapes**
heat **tapes**
magnetic **tapes**
plastic **tapes**
punched **tapes**
video **tapes**
taps
tar sands
TARE (data reduction)
use data reduction
target acquisition
Jindivik **target** aircraft
high alt **target** and background measurement
laser **target** designators
target drone aircraft
Firebee 2 **target** drone aircraft
moving **target** indicators
laser **target** interactions
target masking
Sandpiper **target** missile
target penetration
use terminal ballistics
target recognition
radar **target** scatter site program
target simulators
target thickness
target tracking
use tracking (position)
multiple **target** tracking

multiple **target** trajectory systems
use MATTS (systems)
targets
laser **targets**
particle accelerator **targets**
radar **targets**
towed **targets**
use targets
towed bodies
tars
tartar missile
task complexity
task planning (robotics)
tasks
auditory **tasks**
visual **tasks**
Tasmania
taste
TATB
Lambda **Tauri** stars
T **Tauri** stars
Taurid meteoroids
Taurus constellation
tautomers
taxiing
taxonomy
Taylor-Goertler instability
Taylor instability
Taylor manifest anxiety scale
Taylor series
Taylor theorem
use Taylor series
TCG (tracking)
use transponder control group
TCV program
use Terminal Configured Vehicle Program
TD-1 satellite
TD satellites
TDMA
use time division multiple access
TDR satellites
TEA lasers
teachers
use instructors
teaching
use education
teaching machines
teams
tearing
tearing modes (plasmas)
technetium
technetium compounds
technetium fluorides
technetium isotopes
flight **technical** error
use pilot error
technical writing
bubble **technique**
HICAT (radar **technique)**
minimax **technique**
particle in cell **technique**
program evaluation review **technique**
use PERT
swingby **technique**
vortex in cell **technique**
techniques
use methodology
computer **techniques**

culture **techniques**
digital **techniques**
emergency breathing **techniques**
forming **techniques**
graphic evaluation and review **techniques**
use GERT
imaging **techniques**
incentive **techniques**
prediction analysis **techniques**
technological forecasting
technologies
energy **technology**
geothermal **technology**
marine **technology**
military **technology**
passive nosetip **technology**
use PANT program
prop-fan **technology**
propfan **technology**
use prop-fan technology
reactor **technology**
small satellite **technology**
technology assessment
space **technology** experiments
technology feasibility spacecraft
Small Satellite **Technology** Initiative
use small satellite technology
Advanced **Technology** Laboratory
Advanced **Technology** Light Twin aircraft
use ATLIT project
Transonic Aircraft **Technology** Program
use TACT program
Advanced Communications **Technology** Sat
use ACTS
Earth Resources **Technology** Satellite 1
use Landsat 1
Earth Resources **Technology** Satellite B
use Landsat 2
Earth Resources **Technology** Satellite C
use Landsat 3
Communications **Technology** Satellite
Earth Resources **Technology** Satellite D
use Landsat 4
Earth Resources **Technology** Satellite E
use Landsat E
Earth Resources **Technology** Satellite F
use Landsat F
Meteoroid **Technology** Satellite
use Explorer 46 satellite
Applications **Technology** Satellites
use ATS
Earth Resources **Technology** Satellites
use Landsat satellites
navigation **technology** satellites
technology transfer
aerospace **technology** transfer
technology utilization
tectonic movement
use tectonics
tectonics
plates **(tectonics)**
TED
use transferred electron devices
Tedlar (trademark)
use polyvinyl fluoride
tee
use T shape
magic **tees**
teetering

teeth
gear **teeth**
teflon (trademark)
Tektite project
tektites
telechirics
use remote handling
European Large **Telecomm** Satellite
use L-Sat
telecommunication
Health-Education **Telecommunications** exp
use HET experiment
teleconferencing
teleconnections (meteorology)
telegraph systems
telegraphy
use telegraph systems
radio **telegraphy**
telemedicine
telemeters
use telemetry
telemetry
P.A.C.M. **telemetry**
PCM **telemetry**
physiological **telemetry**
use biotelemetry
pulse frequency modulation **telemetry**
radio **telemetry**
teleoperator maneuvering system
use teleoperators
teleoperators
telephones
telephony
telephotometers
use telephotometry
telephotometry
teleprinters
telerobotics
Telesat Canada 3
use Anik 3
Telesat Canada A
use Anik 1
Telesat Canada B
use Anik 2
Telesat Canada C
use Anik 3
Goddard experiment package **telescope**
use particle telescopes
Grazing Incidence Solar **Telescope**
use GRIST (telescope)
GRIST **(telescope)**
Hubble Space **Telescope**
kilometer wave orbiting **telescope**
Large Space **Telescope**
use Hubble Space Telescope
LDR **(telescope)**
LIRTS **(telescope)**
solar optical **telescope**
Starsat **telescope**
Stratoscope 1 **telescope**
use stratoscope telescopes
Stratoscope 2 **telescope**
use stratoscope telescopes
Space Infrared **Telescope** Facility
Spacelab UV-Optical **Telescope** Facility
use Starlab
Apollo **telescope** mount
Large Infrared **Telescope** on Spacelab
use LIRTS (telescope)
telescopes
astronomical **telescopes**
use telescopes
circumsolar **telescopes**
diffraction **telescopes**
use spectroscopic telescopes
electron **telescopes**
use particle telescopes
gamma ray **telescopes**
GEP **telescopes**
use particle telescopes
grazing incidence **telescopes**
infrared **telescopes**
manned orbital **telescopes**
MOT (orbital **telescopes)**
multispectral tracking **telescopes**
particle **telescopes**
proton **telescopes**
use particle telescopes
radio **telescopes**
reflecting **telescopes**
refracting **telescopes**
Schmidt **telescopes**
spaceborne **telescopes**
spectroscopic **telescopes**
stratoscope **telescopes**
ultraviolet **telescopes**
x ray **telescopes**
telescoping structures
use folding structures
Telesto
teletypewriter systems
teletypewriters
cable **television**
closed circuit **television**
color **television**
digital **television**
digital spacecraft **television**
educational **television**
high definition **television**
satellite **television**
spacecraft **television**
television cameras
television equipment
television receivers
television reception
pilot landing aid **television** system
use PLAT system
Ranger block 3 **television** system
television systems
television transmission
Tellegen theory
use gyrators
network analysis
network synthesis
Jahn- **Teller** effect
telluric currents
telluric lines
tellurides
bismuth **tellurides**
cadmium **tellurides**
cadmium mercury **tellurides**
use mercury cadmium tellurides
indium **tellurides**
lanthanum **tellurides**
lead **tellurides**
mercury **tellurides**

mercury cadmium **tellurides**
tin **tellurides**
zinc **tellurides**
tellurium
tellurium 119
use tellurium isotopes
tellurium alloys
tellurium compounds
tellurium isotopes
tellurometers
Telstar 1 satellite
Telstar 2 satellite
Telstar project
Telstar satellites
TEM (microscopy)
use transmission electron
microscopy
Ling- **Temco**–Vought aircraft
Tempel 2 comet
temper (metallurgy)
temperate regions
temperature
ambient **temperature**
atmospheric **temperature**
auroral **temperature**
body **temperature**
brightness **temperature**
combustion **temperature**
critical **temperature**
cryogenic **temperature**
Curie **temperature**
Debye **temperature**
use specific heat
electron **temperature**
use electron energy
environmental **temperature**
use ambient temperature
flame **temperature**
gas **temperature**
glass transition **temperature**
high **temperature**
ignition **temperature**
inlet **temperature**
international practical **temperature**
use temperature scales
ion **temperature**
ionospheric **temperature**
land surface **temperature**
low **temperature**
lunar **temperature**
neel **temperature**
noise **temperature**
ocean **temperature**
operating **temperature**
planetary **temperature**
plasma **temperature**
room **temperature**
satellite **temperature**
sea surface **temperature**
solar **temperature**
space **temperature**
spacecraft **temperature**
spin **temperature**
stagnation **temperature**
stellar **temperature**
subzero **temperature**
surface **temperature**
transition **temperature**
ultralow **temperature**
use cryogenic temperature
wall **temperature**
water **temperature**
high **temperature** air
high **temperature** alloys
use heat resistant alloys
skin **temperature** (biology)
low **temperature** brazing
temperature compensation
temperature control
temperature dependence
temperature differences
use temperature gradients
temperature distribution
temperature effects
high **temperature** environments
low **temperature** environments
high **temperature** fatigue
use thermal fatigue
temperature fields
use temperature distribution
high **temperature** fluids
high **temperature** gas cooled reactors
high **temperature** gases
temperature gradients
temperature indicators
use indicating instruments
temperature measuring
instruments
temperature instruments
use temperature measuring
instruments
temperature inversions
high **temperature** lubricants
high **temperature** materials
use refractory materials
temperature measurement
temperature measuring instruments
body **temperature** (non-biological)
use temperature
skin **temperature** (non-biological)
high **temperature** nuclear reactors
time **temperature** parameter
low **temperature** physics
high **temperature** plasmas
low **temperature** plasmas
use cold plasmas
temperature probes
temperature profiles
high **temperature** propellants
temperature ratio
body **temperature** regulation
use thermoregulation
high **temperature** research
fahrenheit **temperature** scale
use temperature scales
temperature scales
temperature sensors
high **temperature** superconductors
high **temperature** tests
low **temperature** tests
anomalous **temperature** zones
tempering
templates
temporal distribution
temporal logic
temporal resolution
man **tended** free flyers

tendencies
tendons
tenite
Tenma satellite
Tennessee
Tennessee Valley (AL-KY-TN)
tensile creep
tensile deformation
tensile properties
tensile strength
tensile stress
tensile tests
tensiometers
tension
carbon dioxide **tension**
interfacial **tension**
oxygen **tension**
surface **tension**
  use interfacial tension
surface **tension** driven convection
tensometers
tensor analysis
tensor fields
  use tensors
tensors
stress **tensors**
transformation **tensors**
  use tensors
tephigrams
terbium
terbium 155
  use terbium isotopes
terbium 161
  use terbium isotopes
terbium compounds
terbium isotopes
TERCOM
terephthalate
polyethylene **terephthalate**
long **term** effects
Long **Term** Zonal Earth Energy Experiment
  use LZEEBE satellite
terminal area energy management
terminal ballistics
Terminal Configured Vehicle Program
terminal facilities
terminal guidance
Earth **terminal** measurement system
automated radar **terminal** system
terminal velocity
terminals
data processing **terminals**
deepwater **terminals**
Earth **terminals**
electric **terminals**
ship **terminals**
tanker **terminals**
very small aperture **terminals**
  use VSAT (network)
terminating
  use stopping
thrust **termination**
flight **termination** systems
  use abort apparatus
terminator lines
terminology
terms
ternary alloys
ternary systems

ternary systems (digital)
  use digital systems
terpenes
terphenyls
terraces (landforms)
terradynamics
terraforming
terrain
terrain analysis
Terrain Contour Matching Navigation System
  use TERCOM
terrain following
Office of Space & **Terrestr** Applic Payloads
  use OSTA-1 payload
  OSTA-2 payload
  OSTA-3 payload
terrestrial dust belt
solar **terrestrial** interactions
terrestrial magnetism
  use geomagnetism
terrestrial planets
terrestrial radiation
terrier missile
Northwest **Territories**
Yukon **Territory**
Cretaceous- **Tertiary** boundary
Tertiary Period
tesseral harmonics
body sway **test**
Bruceton **test**
  use statistical tests
carboxyhemoglobin **test**
Charpy impact **test**
Drones for Aerodynamic and Struct **Test**
  use DAST program
ear pressure **test**
Kolmogorov-Smirnov **test**
Mann-Whitney-Wilcoxon U **test**
RIFT (reactor in flight **test)**
Ronchi **test**
Weber **test**
Orbital Flight **Test** 1 (shuttle)
  use Space Transportation System 1 flight
Space Shuttle Orbital Flight **Test** 1
  use Space Transportation System 1 flight
Orbital Flight **Test** 2 (shuttle)
  use Space Transportation System 2 flight
Space Shuttle Orbital Flight **Test** 2
  use Space Transportation System 2 flight
Orbital Flight **Test** 3 (shuttle)
  use Space Transportation System 3 flight
Space Shuttle Orbital Flight **Test** 3
  use Space Transportation System 3 flight
Orbital Flight **Test** 4 (shuttle)
  use Space Transportation System 4 flight
Space Shuttle Orbital Flight **Test** 4
  use Space Transportation System 4 flight
free flight **test** apparatus
hypersonic **test** apparatus
supersonic **test** apparatus

test beds
use test stands

test chambers

test equipment

automatic **test** equipment

test facilities

rocket **test** facilities

Transient Reactor **Test** Facility

TREAT **(test** facility)

test firing

flight **test** instruments

corrosion **test** loops

test pattern generators

test pilots

reactor in flight **test** program
use RIFT (reactor in flight test)

Apollo Soyuz **test** project

test ranges

plutonium recycle **test** reactor

advanced **test** reactors

engineering **test** reactors

fast **test** reactors

heavy water components **test** reactors

nuclear **test** reactors
use nuclear research and test
reactors

nuclear research and **test** reactors

Orbital **Test** Satellite (ESA)
use OTS (ESA)

Maritime Orbital **Test** Satellite
use Marots (ESA)

Engineering **Test** Satellites

CARETS **(test** site)

Central Atlantic Regional Ecol **Test** Site

test stands

hydraulic **test** tunnels

test vehicles

flight **test** vehicles

testers
use test equipment

compression **testers**
use compression tests

Fokker bond **testers**
use adhesion tests

testes

testing
use tests

resonance **testing**

engine **testing** laboratories

testing machines
use test equipment

fatigue **testing** machines

impact **testing** machines

load **testing** machines

vibration **testing** machines
use vibration simulators

physical constants **testing** reactor
use nuclear research and test
reactors
water cooled reactors

materials **testing** reactors
use nuclear research and test
reactors

testing time

tests

accelerated life **tests**

adhesion **tests**

altitude **tests**

bend **tests**

burst **tests**

captive **tests**

chemical **tests**

cold flow **tests**

cold weather **tests**

compression **tests**

corrosion **tests**

creep **tests**

damping **tests**

destructive **tests**

drop **tests**

drop weight **tests**
use drop tests

dynamic **tests**

electric equipment **tests**

electronic equipment **tests**

engine **tests**

environmental **tests**

fatigue **tests**

flight **tests**

flight stability **tests**

fuel **tests**

full scale **tests**

ground **tests**

hardness **tests**

heat **tests**
use high temperature tests

high altitude **tests**

high temperature **tests**

impact **tests**

intelligence **tests**

load **tests**

low temperature **tests**

lubricant **tests**

materials **tests**

meteorite compression **tests**
use compression tests
mechanical properties
meteorites

missile **tests**

nondestructive **tests**

notch **tests**

orbital space **tests**

patch **tests**

performance **tests**

personality **tests**

physiological **tests**

prefiring **tests**

prelaunch **tests**

propellant **tests**

psychological **tests**

railroad humping **tests**

rank **tests**

reactor startup **tests**

Rorschach **tests**

salt spray **tests**

self **tests**

SERT (rocket **tests)**

shock **tests**

Snellen **tests**

space electric rocket **tests**

Space Shuttle Orbital Flight **Tests**
use Space Transportation System
flights

spacecraft prelaunch **tests**
use space vehicle checkout program

spin **tests**

stability **tests**

static **tests**

statistical **tests**
stroking **tests**
tensile **tests**
thermal cycling **tests**
thermal vacuum **tests**
ultrasonic **tests**
underwater **tests**
vacuum **tests**
vestibular **tests**
vibration **tests**
water tunnel **tests**
wear **tests**
weld **tests**
whirling **tests**
use spin tests
wind tunnel **tests**
wind tunnel stability **tests**
wing flow method **tests**
orbital flight **tests** (shuttle)
use Space Transportation System flights
approach and landing **tests** (STS)
tethered balloons
tethered satellites
tethering
tetherlines
Tethys
tetrabutyls
carbon **tetrachloride**
silicon **tetrachloride**
carbon **tetrachloride** poisoning
tetrachlorides
tetrachloromethane
use carbon tetrachloride
tetracyclines
tetrad theory
tetraethyl orthocarbonates
tetraethyl orthosilicate
carbon **tetrafluoride**
tetrafluorohydrazine
tetragons
tetrahedrons
tetrahydrofuran
cyclotetramethylene **tetranitramine**
use HMX
polybutadiene **tetranitramine**
pentaerythritol **tetranitrate**
use PETN
tetranitrotetrazacyclooctane
use HMX
tetraphenyls
tetrazoles
tetrodes
tetroons
use superpressure balloons
nitrogen **tetroxide**
tetryl
texas
Lake **Texoma** (OK-TX)
textbooks
textiles
texts
textures
TF-30 engine
TF-34 engine
TF-41 engine
TFX aircraft
use F-111 aircraft
TH-55 helicopter

Thailand
thalamus
thallium
thallium alloys
thallium compounds
thallium isotopes
thawing
use melting
Thebe
thematic mappers (LANDSAT)
thematic mapping
Themis project
theodolites
Theodorsen transformation
addition **theorem**
Bayes **theorem**
Bernoulli **theorem**
binomial **theorem**
Castigliano variational **theorem**
duality **theorem**
equipartition **theorem**
Floquet **theorem**
Gauss-Markov **theorem**
Green's **theorem**
use Green's functions
Hellmann-Feynman **theorem**
Kakutani **theorem**
Lebesgue **theorem**
Liouville **theorem**
Michell **theorem**
Nernst heat **theorem**
use Nernst-Ettingshausen effect
Pomeranchuk **theorem**
Poynting **theorem**
reciprocity **theorem**
Richards **theorem**
Riesz **theorem**
Schauder fixpoint **theorem**
similarity **theorem**
Taylor **theorem**
use Taylor series
uniqueness **theorem**
virial **theorem**
theorem proving
Stokes **theorem** (vector calculus)
theorems
existence **theorems**
reciprocal **theorems**
theoretical physics
theories
bimetric **theories**
Abrikosov **theory**
atomic **theory**
automata **theory**
Bardeen-Cooper-Schrieffer **theory**
use BCS theory
BCS **theory**
Bellman **theory**
bending **theory**
Bessel-Bredichin **theory**
Bogoliubov **theory**
Bohr **theory**
Born-Infeld **theory**
catastrophe **theory**
Chapman-Enskog **theory**
communication **theory**
control **theory**
Crocco-Lee **theory**
crystal field **theory**

Debye-Huckel **theory**
decision **theory**
diffusion **theory**
disturbance **theory**
use perturbation theory
dynamo **theory**
Dyson **theory**
electroweak interactions (field **theory)**
Enskog-Chapman **theory**
use Chapman-Enskog theory
Eyring **theory**
field mode **theory**
finite difference **theory**
flow **theory**
fluctuation **theory**
Foster **theory**
game **theory**
gauge **theory**
Gestalt **theory**
Glauber **theory**
goal **theory**
grand unified **theory**
graph **theory**
gravitation **theory**
group **theory**
Gumbel **theory**
use range (extremes)
Hansen lunar **theory**
Heisenberg **theory**
Hill lunar **theory**
homotopy **theory**
Hueckel **theory**
information **theory**
Jeans **theory**
kinetic **theory**
Kolmogorov **theory**
learning **theory**
Malkus **theory**
Manning **theory**
many particle **theory**
use many body problem
matrix **theory**
measure **theory**
use measure and integration
membrane **theory**
use structural analysis
Michaelis **theory**
Mie **theory**
use Mie scattering
Milankovitch **theory**
use climatology
mixing length flow **theory**
molecular **theory**
momentum **theory**
Newton **Theory**
nonadiabatic **theory**
number **theory**
Opik **theory**
orthogonal multiplexing **theory**
particle **theory**
perturbation **theory**
piston **theory**
plasma **theory**
use plasma physics
plate **theory**
population **theory**
potential **theory**
probability **theory**
quantum **theory**
queueing **theory**
Reissner **theory**
relativistic **theory**
S matrix **theory**
saddle points (game **theory)**
set **theory**
Shannon information **theory**
use information theory
shell **theory**
spectral **theory**
squeezed states (quantum **theory)**
statistical communication **theory**
use communication theory
statistical decision **theory**
string **theory**
strong interactions (field **theory)**
Sturm-Liouville **theory**
superstring **theory**
use string theory
switching **theory**
Tellegen **theory**
use gyrators
network analysis
network synthesis
tetrad **theory**
Thomas-Fermi **theory**
use Thomas-Fermi model
transport **theory**
unified field **theory**
vinti **theory**
von Mises **theory**
use stress functions
weak interactions (field **theory)**
Wightman **theory**
use field theory (physics)
quantum theory
relativistic theory
Yang-Mills **theory**
Young-Helmholtz **theory**
field **theory** (algebra)
geometrical **theory** of diffraction
field **theory** (physics)
therapy
drug **therapy**
use chemotherapy
radiation **therapy**
thermal absorption
thermal accommodation coefficients
use accommodation coefficient
thermal agitation
use thermal energy
thermal analysis
differential **thermal** analysis
use thermal analysis
thermal barriers (plasma control)
thermal batteries
thermal blooming
thermal boundary layer
thermal buckling
thermal comfort
thermal conductivity
thermal conductivity gages
thermal conductors
thermal control coatings
thermal convection
use free convection
thermal currents
use convective flow
thermal cycling tests

thermal decomposition
thermal defocusing
use thermal blooming
thermal degradation
thermal diffusion
thermal diffusivity
thermal dissociation
thermal effects
use temperature effects
thermal efficiency
use thermodynamic efficiency
solar **thermal** electric power plants
thermal emission
thermal energy
ocean **thermal** energy conversion
thermal energy storage
use heat storage
thermal environments
thermal expansion
thermal fatigue
thermal gravimetry
use thermogravimetry
thermal instability
thermal insulation
thermal mapping
thermal neutrons
thermal noise
thermal plasmas
thermal pollution
thermal power
use turbogenerators
thermal properties
use thermodynamic properties
solar **thermal** propulsion
thermal protection
thermal radiation
thermal reactors
thermal resistance
thermal resources
thermal shielding
use heat shielding
thermal shock
thermal simulation
thermal sinks
use heat sinks
thermal stability
thermal stresses
thermal vacuum tests
neutron **thermalization**
thermalization (energy absorption)
thermicons
thermionic cathodes
thermionic conversion systems
use thermionic power generation
thermionic converters
thermionic diodes
thermionic emission
thermionic emitters
thermionic power generation
thermionic reactors
use ion engines
nuclear rocket engines
thermionics
thermistors
thermites
thermobalances
thermochemical properties
thermochemistry
thermochromatic materials

thermoclines
thermocouple pyrometers
thermocouples
thermodynamic coupling
thermodynamic cycles
thermodynamic efficiency
thermodynamic equilibrium
local **thermodynamic** equilibrium
thermodynamic properties
thermodynamics
nonequilibrium **thermodynamics**
thermoelasticity
thermoelectric conversion systems
use thermoelectric power generation
thermoelectric cooling
thermoelectric generators
thermoelectric materials
Thermoelectric Outer Planet Spacecraft
use TOPS (spacecraft)
thermoelectric power generation
thermoelectric spacecraft
use TOPS (spacecraft)
thermoelectricity
thermoelement ammeters
thermograms
use recording instruments
temperature measuring instruments
thermography
thermogravimetry
thermohydraulics
thermoluminescence
thermomagnetodynamics
use thermomagnetic effects
thermomagnetic cooling
thermomagnetic effects
thermomagnetism
use thermomagnetic effects
thermomechanical treatment
thermomechanics
use thermodynamics
thermometers
resistance **thermometers**
thermometry
use temperature measurement
thermomigration
thermonuclear energy
use thermonuclear power generation
thermonuclear explosions
thermonuclear power generation
thermonuclear propulsion
use nuclear propulsion
thermonuclear reactions
Astron **thermonuclear** reactor
zeta **thermonuclear** reactor
thermophiles
thermophilic plants
thermophoresis
thermophotovoltaic conversion
thermophysical properties
thermophysics
use thermodynamics
thermopiles
thermoplastic films
thermoplastic resins
thermoplasticity
thermoreceptors
thermoregulation

thermosetting resins
thermosiphons
thermosphere
thermostability
use thermal stability
thermostats
thermotropism
use anisotropy
temperature effects
thermoviscoelasticity
thesauri
theses
theta pinch
thiamine
thiazine (trademark)
thick films
thick plates
thick walls
thickeners
thickeners (equipment)
thickeners (materials)
thickness
airfoil **thickness**
use airfoil profiles
boundary layer **thickness**
film **thickness**
optical **thickness**
target **thickness**
thickness ratio
thigh
thin airfoils
thin bodies
thin films
thin layer chromatography
thin plates
thin walled shells
thin walls
thin wings
thinners
use solvents
thiols
thiophenes
thioplastics
thioureas
thiuronium
thixotropic propellants
use gelled rocket propellants
thixotropy
Thomas-Fermi model
Thomas-Fermi theory
Thomson effect
use thermoelectricity
Joule- **Thomson** effect
Milne- **Thomson** method
Thomson scattering
Thor Able rocket vehicle
Thor Agena launch vehicle
Thor Delta launch vehicle
Thor launch vehicles
Thorad launch vehicles
thorax
thorium
thorium 228
use thorium isotopes
thorium 230
use thorium isotopes
thorium 234
use thorium isotopes
thorium alloys
thorium compounds
thorium fluorides
thorium isotopes
thorium oxides
thoron
use radon isotopes
threads
threat evaluation
three axis stabilization
three body problem
three dimensional bodies
three dimensional boundary layer
three dimensional composites
three dimensional flow
three dimensional models
three dimensional motion
damage **threshold**
use yield point
noise **threshold**
threshold currents
threshold detectors (dosimeters)
threshold gates
threshold logic
threshold shift
use thresholds
threshold voltage
thresholds
thresholds (perception)
throats
thrombin
thrombocytes
thrombopenia
thromboplastin
thrombosis
throttling
throwing
thrust
high **thrust**
jet **thrust**
leading edge **thrust**
low **thrust**
rocket **thrust**
static **thrust**
variable **thrust**
thrust augmentation
thrust bearings
thrust chamber pressure
thrust chambers
nozzle **thrust** coefficients
thrust control
thrust distribution
thrust faults
use geological faults
thrust loads
thrust measurement
dual **thrust** nozzles
thrust power
use thrust
thrust programming
optimum **thrust** programming
use thrust programming
low **thrust** propulsion
thrust reversal
thrust termination
thrust vector control
thrust-weight ratio
radio frequency ion **thrustor** engines
use RIT engines
thrustors

thulium
thulium 171
use thulium isotopes
thulium compounds
thulium isotopes
Thunderchief aircraft
use F-105 aircraft
thunderstorms
thymidine
thymine
thymol
thymus gland
thyratrons
thyristors
thyroid gland
thyroxine
Tibet
tibia
TID
use traveling ionospheric disturbances
tidal flats
tidal oscillation
use tides
tidal waves
red **tide**
tide powered generators
tide powered machines
tidepower
tides
atmospheric **tides**
Earth **tides**
lunar **tides**
tiebolts
TIG welding
use gas tungsten arc welding
tightness
tiles
tilt
use attitude (inclination)
head down **tilt**
tilt rotor aircraft
Tilt Rotor Research Aircraft Program
tilt wing aircraft
tilted propellers
tilting
use attitude (inclination)
tilting rotors
tiltmeters
ionospheric **tilts**
timber identification
timber inventory
timber vigor
timberline
time
access **time**
burning **time**
ephemeris **time**
firing **time**
use burning time
flight **time**
launch **time**
use launch windows
rates (per **time)**
reaction **time**
relaxation **time**
reverse **time**
use reaction time
sidereal **time**

testing **time**
transit **time**
universal **time**
mean **time** between failures
use MTBF
response **time** (computers)
run **time** (computers)
time constant
perceptual **time** constant
space- **time** continuum
time delay
use time lag
time dependence
controlled avalanche transit **time** devices
use CATT devices
barrier injection transit **time** diodes
use Barritt diodes
time discrimination
time division multiple access
time division multiplexing
time functions
space- **time** functions
time lag
time lapse photography
use chronophotography
time marching
time measurement
time measuring instruments
space- **time** metric
pulse **time** modulation
time of flight spectrometers
real **time** operation
time optimal control
stress-strain- **time** relations
time response
time series analysis
time sharing
time signals
time temperature parameter
timers
use timing devices
timing
use time measurement
timing devices
X Ray **Timing** Explorer
Timoshenko beams
tin
tin alloys
tin compounds
organic **tin** compounds
tin isotopes
indium- **tin**-oxide semiconductors
tin oxides
tin tellurides
tip driven rotors
tip speed
tip vanes
wing **tip** vortices
tips
blade **tips**
crack **tips**
nose **tips**
wing **tips**
tires
aircraft **tires**
TIROS 1 satellite
TIROS 2 satellite
TIROS 3 satellite
TIROS 4 satellite

TIROS 5 satellite
TIROS 6 satellite
TIROS 7 satellite
TIROS 8 satellite
TIROS 9 satellite
TIROS 10 satellite
TIROS D satellite
use TIROS 4 satellite
TIROS E satellite
use TIROS 5 satellite
TIROS F satellite
use TIROS 6 satellite
TIROS G satellite
use TIROS 7 satellite
TIROS H satellite
use TIROS 8 satellite
TIROS M
TIROS N series satellites
TIROS operational satellite system
Improved **TIROS** Operational Satellites
use ITOS satellites
TIROS project
TIROS satellites
TIROS wheel satellite
use TIROS 9 satellite
connective **tissue**
adipose **tissues**
plantar **tissues**
tissues (biology)
Titan
Titan 1 ICBM
Titan 2 ICBM
Titan 3 launch vehicle
Titan 4 launch vehicle
Titan Centaur launch vehicle
Titan ICBM
Titan launch vehicles
Titan project
titanates
barium **titanates**
lead **titanates**
lead zirconate **titanates**
magnesium **titanates**
strontium **titanates**
zirconium **titanates**
Titania
titanium
titanium alloys
titanium aluminides
titanium borides
titanium carbides
titanium chlorides
titanium compounds
titanium dioxide
use titanium oxides
titanium isotopes
titanium nitrides
titanium oxides
position **(title)**
titration
titrimeters
Great Smoky Mountains (NC-**TN)**
Tennessee Valley (AL-KY-**TN)**
TNT (trinitrotoluene)
use trinitrotoluene
tobacco
Trinidad and **Tobago**
tocopherol
Togo

toilets
tokamak devices
acceleration **tolerance**
altitude **tolerance**
cold **tolerance**
fault **tolerance**
heat **tolerance**
noise **tolerance**
orthostatic **tolerance**
radiation **tolerance**
human **tolerances**
impact **tolerances**
tolerances (mechanics)
tolerances (physiology)
Tollmien-Schlichting waves
toluene
Tomahawk missiles
Nike-**Tomahawk** rocket vehicle
tomatoes
tombolos
use bars (landforms)
tomography
computer aided **tomography**
TOMS
use Total Ozone Mapping Spectrometer
tone
use pitch
aeolian **tones**
tongue
Tonk meteorite
tonometry
use intraocular pressure
pressure measurement
tonus
use muscular tonus
muscular **tonus**
tooling
tools
files **(tools)**
machine **tools**
software **tools**
use software development tools
software development **tools**
space **tools**
tooth diseases
TOPEX
bays **(topographic** features)
sounds **(topographic** features)
topography
depressions **(topography)**
inlets **(topography)**
lunar **topography**
Stoss-and-Lee **topography**
use glacial drift
topology
topping cycle engines
TOPS (spacecraft)
torches
plasma **torches**
Tornado aircraft
use MRCA aircraft
tornadoes
Toro asteroid
toroidal discharge
toroidal plasmas
toroidal shells
toroidal wheels
toroids

torpedo engines
torpedoes
RETORC **(torpedoes)**
torque
torque converters
torque measuring apparatus
use torquemeters
torque motors
torque sensors (nonrobotics)
use torquemeters
torque sensors (robotics)
torquemeters
torquers
Torres Strait
torsion
torsional stress
torsional vibration
torso
Joint European **Torus**
toruses
bumpy **toruses**
Tory 2 reactor
Tory 2-A reactor
Tory 2-C reactor
TOS-A
total energy systems
solar **total** energy systems
Total Ozone Mapping Spectrometer
total quality management
total variation diminishing schemes
use TVD schemes
touch
touchdown
toughness
fracture **toughness**
use fracture strength
tourmaline
Tournesole satellite
use D-2 satellites
tourniquets
Grand **Tours**
Toutatis asteroid
tow missiles
towed bodies
towed targets
use targets
towed bodies
Tower Shielding Reactor 2
towers
airport **towers**
drop **towers**
umbilical **towers**
whirl **towers**
towing
Townsend avalanche
Townsend discharge
townsend surfaces
use Townsend avalanche
toxic diseases
toxic hazards
toxicity
oxygen **toxicity**
use hyperoxia
toxicity and safety hazard
toxicology
poisoning **(toxicology)**
toxins and antitoxins

TQM (quality control)
use total quality management
TRAAC satellite
use Transit Attitude Control satellite
trace contaminants
trace elements
Active Magneto Particle **Tracer** Explorers
use AMPTE (satellites)
tracers
trachea
trachyte
tracing
ray **tracing**
tracked vehicles
CCD star **tracker**
laser ranger/ **tracker**
Stellar (star **tracker)**
star **trackers**
compensatory **tracking**
infrared **tracking**
look angles **(tracking)**
missile **tracking**
multiple target **tracking**
multiradar **tracking**
use radar networks
optical **tracking**
photographic **tracking**
pursuit **tracking**
radar **tracking**
radio **tracking**
range and range rate **tracking**
satellite **tracking**
satellite-to-satellite **tracking**
spacecraft **tracking**
star **tracking**
use star trackers
target **tracking**
use tracking (position)
TCG **(tracking)**
video landmark acquisition and **tracking**
visual **tracking**
use optical tracking
Satellite **Tracking** and Data Acq Network
use STDN (network)
Space Flight **Tracking** and Data Network
Spacecraft **Tracking** and Data Network
use STDN (network)
Tracking and Data Relay Satellites
use TDR satellites
tracking antennas
use directional antennas
tracking filters
Global **Tracking** Network
GLOTRAC **(tracking** network)
STADAN (satellite **tracking** network)
use STDN (network)
tracking networks
tracking (position)
tracking problem
optical satellite **tracking** program
tracking radar
tracking stations
tracking studies
use tracking (position)
minitrack optical **tracking** system
use minitrack system
MOTS **(tracking** system)
polystation doppler **tracking** system

space detection and **tracking** system
SPADATS **(tracking** system)
multispectral **tracking** telescopes
tracks
ground **tracks**
particle **tracks**
satellite ground **tracks**
vehicular **tracks**
traction
tractors
crawler **tractors**
tracts
use sites
foreign **trade**
use international trade
international **trade**
Adiprene **(trademark)**
Amberlite **(trademark)**
amplitrons **(trademark)**
Astroloy **(trademark)**
Bakelite **(trademark)**
Borazon **(trademark)**
Buna **(trademark)**
Carborundum **(trademark)**
Dacron **(trademark)**
Delrin **(trademark)**
Flexowriters **(trademark)**
Fortisan **(trademark)**
Geon **(trademark)**
Hastelloy **(trademark)**
Hexogenes **(trademark)**
Hopcalite **(trademark)**
Inconel **(trademark)**
Kapton **(trademark)**
Kevlar **(trademark)**
Kovar **(trademark)**
Lexan **(trademark)**
lucite **(trademark)**
Ludox **(trademark)**
Magnesyn **(trademark)**
Manganin **(trademark)**
Masonite **(trademark)**
Monel **(trademark)**
Mylar **(trademark)**
Nembutal **(trademark)**
Nichrome **(trademark)**
Nylon **(trademark)**
Permalloys **(trademark)**
Perspex **(trademark)**
plexiglass **(trademark)**
Pyrex **(trademark)**
Pyroceram **(trademark)**
Pyrrones **(trademark)**
Refrasil **(trademark)**
RTV-40 rubber **(trademark)**
RTV-60 rubber **(trademark)**
Santowax **(trademark)**
Scotchlite **(trademark)**
Selsyns **(trademark)**
Skydrol **(trademark)**
Stellite **(trademark)**
styrofoam **(trademark)**
Tedlar **(trademark)**
teflon **(trademark)**
thiazine **(trademark)**
Viton rubber **(trademark)**
Zircaloy 2 **(trademark)**
Zircaloys **(trademark)**

Borsic **(tradename)**
Carbamates **(tradename)**
tradeoffs
Trader aircraft
use C-1A aircraft
tradescantia
TRADEX radar system
traffic
air **traffic**
automatic **traffic** advisory and resolution
traffic control
air **traffic** control
air **traffic** controllers (personnel)
Location of Air **Traffic** Satellites
use LOCATES system
automated mixed **traffic** vehicles
tragacanth
Trailblazer 1 reentry vehicle
Trailblazer 1 rocket vehicle
use Trailblazer 1 reentry vehicle
Trailblazer 2 reentry vehicle
Trailblazer 2 rocket vehicle
use Trailblazer 2 reentry vehicle
trailers
trailing edge flaps
trailing edges
blunt **trailing** edges
trails
use tracks
condensation **trails**
use contrails
meteor **trails**
smoke **trails**
vapor **trails**
use contrails
trainees
use students
L-29 jet **trainer**
trainers
use training devices
training
use education
astronaut **training**
ejection **training**
flight **training**
gunnery **training**
maintenance **training**
pilot **training**
simulator **training**
use training simulators
space flight **training**
transfer of **training**
training aircraft
training analysis
training devices
training evaluation
training simulators
trajectories
abort **trajectories**
ascent **trajectories**
ballistic **trajectories**
circumlunar **trajectories**
descent **trajectories**
Earth-Mars **trajectories**
Earth-Mercury **trajectories**
Earth-Moon **trajectories**
Earth-Venus **trajectories**
electron **trajectories**

gravity assist **trajectories**
use swingby technique
Hohmann **trajectories**
use elliptical orbits
transfer orbits
hyperbolic **trajectories**
interorbital **trajectories**
interplanetary **trajectories**
lunar **trajectories**
midcourse **trajectories**
missile **trajectories**
molecular **trajectories**
moon-Earth **trajectories**
particle **trajectories**
reentry **trajectories**
rendezvous **trajectories**
round trip **trajectories**
spacecraft **trajectories**
SPURT **(trajectories)**
underwater **trajectories**
spinning unguided rocket **trajectory**
trajectory analysis
trajectory control
Goddard **Trajectory** Determination System
trajectory measurement
trajectory optimization
trajectory planning
multiple target **trajectory** systems
use MATTS (systems)
tranquilizers
Transall C-160 aircraft
use C-160 aircraft
transatmospheric vehicles
transceivers
use transmitter receivers
transcendental functions
transconductance
transcontinental systems
transducers
digital **transducers**
electroacoustic **transducers**
electronic **transducers**
image **transducers**
interdigital **transducers**
magnetic **transducers**
piezoelectric **transducers**
piezoresistive **transducers**
pressure **transducers**
use pressure sensors
quartz **transducers**
sound **transducers**
ultrasonic wave **transducers**
transearth injection
transequatorial propagation
transfer
use transferring
aerodynamic heat **transfer**
aerospace technology **transfer**
charge **transfer**
conductive heat **transfer**
convective heat **transfer**
drop **transfer**
electron **transfer**
energy **transfer**
heat **transfer**
hypersonic heat **transfer**
information **transfer**
intervehicle spacecrew **transfer**
use spacecrew transfer
laminar heat **transfer**
mass **transfer**
momentum **transfer**
orbital **transfer**
use transfer orbits
payload **transfer**
propellant **transfer**
radiative **transfer**
radiative heat **transfer**
spacecrew **transfer**
supersonic heat **transfer**
technology **transfer**
turbulent heat **transfer**
heat **transfer** coefficients
data **transfer** (computers)
charge **transfer** devices
flux **transfer** events
modulation **transfer** function
optical **transfer** function
transfer functions
loop **transfer** functions
linear energy **transfer** (LET)
asynchronous **transfer** mode
resin **transfer** molding
transfer of training
transfer orbits
Hohmann **transfer** orbits
use elliptical orbits
transfer orbits
interplanetary **transfer** orbits
loop **transfer** recovery
transfer RNA
use ribonucleic acids
organic charge **transfer** salts
transfer tunnels
Automated **Transfer** Vehicle
intraorbit **transfer** vehicles
orbit **transfer** vehicles
transferred electron devices
transferring
discrete cosine **transform**
wavelet **transform**
use wavelet analysis
transform integrals
use integral transformations
Fourier **transformation**
Hilbert **transformation**
Joukowski **transformation**
Laplace **transformation**
Legendre **transformation**
use Legendre functions
martensitic **transformation**
Schwarz-Christoffel **transformation**
Theodorsen **transformation**
transformation tensors
use tensors
transformations
conformal **transformations**
use conformal mapping
coordinate **transformations**
fast Fourier **transformations**
Fourier-Bessel **transformations**
Householder **transformations**
integral **transformations**
linear **transformations**
Lorentz **transformations**
nuclear **transformations**

order-disorder **transformations**
phase **transformations**
transformations (mathematics)
transformers
instrument **transformers**
mode **transformers**
transforms
use transformations (mathematics)
Mellin **transforms**
transfusion
transgranular corrosion
transhorizon radio propagation
transient heating
transient loads
transient oscillations
transient pressures
Transient Reactor Test Facility
transient response
transients (surges)
use surges
low frequency **transionospheric** satellites
transistor amplifiers
transistor circuits
transistor logic
Diode- **Transistor**-Logic integ circuits
transistor- **transistor**-logic integ circuits
transistors
bipolar **transistors**
FET **(transistors)**
field effect **transistors**
high electron mobility **transistors**
junction **transistors**
junction field effect **transistors**
use JFET
silicon **transistors**
silicon-on-sapphire **transistors**
use SOS (semiconductors)
unipolar **transistors**
use field effect transistors
transit
trapped plasma avalanche triggered **transit**
use TRAPATT devices
Transit Attitude Control satellite
Transit navigation system
Transit satellites
rapid **transit** systems
transit time
controlled avalanche **transit** time devices
use CATT devices
barrier injection **transit** time diodes
use Barritt diodes
automated **transit** vehicles
automated guideway **transit** vehicles
transition
boundary layer **transition**
brittle-ductile **transition**
use ductile-brittle transition
ductile-brittle **transition**
optical **transition**
transition flight
transition flow
transition layers
transition metals
transition points
transition pressure
transition probabilities
solar **transition** region

transition temperature
glass **transition** temperature
electron **transitions**
forbidden **transitions**
transits
translating
frequency **translation**
use frequency converters
machine **translation**
translational motion
translators
digital to voice **translators**
DIVOT (voice **translators)**
translucence
translunar injection
translunar space
use interplanetary space
transmission
APT (picture **transmission)**
ATM (data **transmission)**
automatic picture **transmission**
channels (data **transmission)**
coaxial **transmission**
use coaxial cables transmission
coherent **transmission**
use coherent radiation
data **transmission**
double sideband **transmission**
electric power **transmission**
electromagnetic wave **transmission**
facsimile **transmission**
use facsimile communication
heat **transmission**
information **transmission**
use data transmission
light **transmission**
microwave **transmission**
multipath **transmission**
multiplex **transmission**
use multiplexing
neuromuscular **transmission**
neuron **transmission**
use bioelectricity
packet **transmission**
power **transmission**
radar **transmission**
radio **transmission**
satellite **transmission**
satellite power **transmission**
SCPC **transmission**
use single channel per carrier transmission
short wave radio **transmission**
signal **transmission**
single channel per carrier **transmission**
single sideband **transmission**
sound **transmission**
spread spectrum **transmission**
superconducting power **transmission**
television **transmission**
transmission circuits
transmission efficiency
transmission electron microscopy
transmission fluids
power **transmission** (lasers)
use laser power beaming
transmission lines

flat coaxial **transmission** lines
use microstrip transmission lines
fluid **transmission** lines
microstrip **transmission** lines
strip **transmission** lines
underground **transmission** lines
transmission loss
power **transmission** (microwave)
use microwave power beaming
transmission rate (communications)
transmission speed (communications)
use transmission rate (communications)
transmissions (machine elements)
transmissivity
transmissometers
transmittance
transmitter receivers
transmitters
emergency locator **transmitters**
instrument **transmitters**
radar **transmitters**
radio **transmitters**
transmutation
neutron **transmutation**
use nuclear reactions
transoceanic communication
transoceanic flight
transoceanic systems
transonic aircraft
use supersonic aircraft
Transonic Aircraft Technology Program
use TACT program
transonic compressors
transonic flight
transonic flow
transonic flutter
transonic inlets
use supersonic inlets
transonic nozzles
transonic speed
transonic turbines
use supersonic turbines
transonic wind tunnels
transonics
use transonic flow
transparence
transparent materials
use transparence
transpiration
fluid **transpiration**
use transpiration
transpiration cooling
use sweat cooling
transplantation
transponder control group
transponders
gas **transport**
light intratheater **transport**
littoral **transport**
pollution **transport**
radiation **transport**
sediment **transport**
supersonic commercial air **transport**
transport aircraft
F-28 **transport** aircraft
light **transport** aircraft

transport coefficients
use transport properties
Boltzmann **transport** equation
vorticity **transport** hypothesis
Energy Efficiency **Transport** program
use ACEE program
transport properties
experimental STOL **transport** rsch airplane
use Questol aircraft
carrier **transport** (solid state)
transport theory
transport vehicles
transportation
air **transportation**
evacuating **(transportation)**
high speed **transportation**
use rapid transit systems
marine **transportation**
rail **transportation**
space **transportation**
urban **transportation**
transportation energy
transportation networks
Space **Transportation** System 1 flight
Space **Transportation** System 2 flight
Space **Transportation** System 3 flight
Space **Transportation** System 4 flight
Space **Transportation** System flights
Saenger space **transportation** system
Sanger space **transportation** system
use Saenger space transportation system
space **transportation** system
transporter
Pioneer Venus 2 **transporter** bus
magnetic tape **transports**
supersonic **transports**
transputers
transuranium elements
transverse acceleration
transverse loads
transverse oscillation
transverse vibration
use transverse oscillation
transverse waves
transversely excited atmospheric lasers
use TEA lasers
TRAP program
Venus fly **trap** rocket vehicle
TRAPATT devices
TRAPATT diodes
use avalanche diodes
trapezoidal tail surfaces
trapezoidal wings
trapezoids
trapped magnetic fields
trapped particles
geomagnetically **trapped** particles
use radiation belts
magnetically **trapped** particles
trapped plasma avalanche triggered transit
use TRAPATT devices
trapped vortices
trapping
radiation **trapping**
traps
cold **traps**

vapor **traps**
vortex **traps**
  use trapped vortices
ion **traps** (instrumentation)
travel
interstellar **travel**
traveling charge
traveling ionospheric disturbances
traveling salesman problem
traveling solvent method
traveling wave amplifiers
traveling wave masers
traveling wave modulation
traveling wave tubes
traveling waves
trays
treadmills
treads
TREAT (test facility)
  use Transient Reactor Test Facility
conditioning **(treating)**
treatment
heat **treatment**
normalizing (heat **treatment)**
sewage **treatment**
sizing (surface **treatment)**
surface **treatment**
thermomechanical **treatment**
waste **treatment**
water **treatment**
outer space **treaty**
North Atlantic **Treaty** Organization (NATO)
tree ring dating
  use dendrochronology
trees
citrus **trees**
deciduous **trees**
fault **trees**
trees (mathematics)
trees (plants)
trellis coding
tremors
trend analysis
program **trend** line analysis
trends
Tresca flow
triacetin
triaminoguanidinenitrate
  use TAGN
triaminoguanidinium azide
triaminotrinitrobenzene
  use TATB
triangles
triangular wings
  use delta wings
triangulation
triatomic molecules
triaxial stresses
triaxiality
  use triaxial stresses
tribolls
tribology
triboluminescence
tributaries
trichlorides
  use chlorides
trichloroethylene

Trident aircraft
  use DH 121 aircraft
trident submarine
trienes
gallamine **triethiodide**
triethyl compounds
boron **trifluoride**
  use boron fluorides
trifluoroamine oxide
trigatrons
trigger circuits
trapped plasma avalanche **triggered** transit
  use TRAPATT devices
triggers
  use actuators
trigonometric functions
trigonometry
trim (balance)
  use aerodynamic balance
trimers
trimethadione
trimethyl compounds
Trinidad and Tobago
trinitramine
cyclotrimethylene **trinitramine**
  use RDX
trinitro compounds
trinitrotoluene
TNT **(trinitrotoluene)**
trinitrotriazacyclohexane
  use RDX
triodes
triols
round **trip** trajectories
triphenyl silicon
triphenyls
adenosine **triphosphate**
triple axis spectrometers
  use neutron spectrometers
triple stars
triplet excitation
  use atomic energy levels
triplet state
  use atomic energy levels
tripods
tripropellants
  use liquid rocket propellants
trisonic wind tunnels
tritium
Triton
tritons
trivalent ions
trochoids
  use pivots
troilite
Trojan aircraft
  use T-28 aircraft
Trojan orbits
Trombe walls
GARP Atlantic **Tropical** Experiment
tropical meteorology
tropical regions
tropical storms
tropics
  use tropical regions
tropism
tropopause
troposphere
tropospheric radiation

tropospheric scattering
tropospheric waves
Fischer- **Tropsch** process
tropyl compounds
troubleshooting
use maintenance
troughs
trucks
tank **trucks**
truncation errors
truncation (mathematics)
use approximation
trunks (lines)
use transmission lines
trunnions
use shafts (machine elements)
trusses
ground **truth**
sea **truth**
trypanosome
trypsin
tryptamines
tryptophan
TS-11 aircraft
Polish **TS-11** aircraft
TSR-2 aircraft
BAC **TSR** 2 aircraft
use TSR-2 aircraft
tsunami waves
TTL integrated circuits
TU-104 aircraft
TU-124 aircraft
TU-134 aircraft
TU-144 aircraft
TU-154 aircraft
TU-204 aircraft
ramjet-in- **tube** accelerators
tube anodes
tube cathodes
fly by **tube** control
tube grids
tube heat exchangers
tube lasers
vacuum **tube** oscillators
tuberculosis
tubes
backward wave **tubes**
Bourdon **tubes**
bronchial **tubes**
use bronchi
camera **tubes**
capillary **tubes**
cathode ray **tubes**
circular **tubes**
cold cathode **tubes**
discharge **tubes**
use gas discharge tubes
drop **tubes**
use drop towers
electron **tubes**
eustachian **tubes**
flash **tubes**
use flash lamps
gas **tubes**
gas discharge **tubes**
Geiger-Mueller **tubes**
use Geiger counters

helix **tubes**
use traveling wave tubes
Hilsch **tubes**
image **tubes**
image dissector **tubes**
intensifier **tubes**
use image intensifiers
magnetic annular shock **tubes**
MAST shock **tubes**
use magnetic annular shock tubes
microwave **tubes**
photomultiplier **tubes**
picture **tubes**
pipes **(tubes)**
pitot **tubes**
Preston **tubes**
use pitot tubes
speed indicators
shock **tubes**
traveling wave **tubes**
U **tubes**
use manometers
vacuum **tubes**
Venturi **tubes**
vortex **tubes**
use Hilsch tubes
vortices
x ray **tubes**
tubing
use pipes (tubes)
space **tugs**
tumbling motion
tumors
tunable filters
tunable lasers
tundra
tuners
waveguide **tuners**
tungstates
calcium **tungstates**
lead **tungstates**
zinc **tungstates**
tungsten
tungsten alloys
gas **tungsten** arc welding
tungsten carbides
tungsten chlorides
tungsten compounds
tungsten fluorides
tungsten halides
tungsten inert gas welding
use gas tungsten arc welding
tungsten isotopes
tungsten oxides
Tungusk meteorite
Tunguska event
use Tungusk meteorite
tuning
Schuler **tuning**
tuning fork gyroscopes
Tunisia
wind **tunnel** apparatus
wind **tunnel** balances
use weight indicators
wind tunnel apparatus
wind **tunnel** calibration
tunnel cathodes
tunnel diodes
wind **tunnel** drives

tunnel junctions
wind **tunnel** models
wind **tunnel** nozzles
tunnel resistors
use electron tunneling
resistors
wind **tunnel** stability tests
water **tunnel** tests
wind **tunnel** tests
wind **tunnel** walls
tunneling
electron **tunneling**
resonant **tunneling**
tunneling (excavation)
scanning **tunneling** microscopy
tunnels
blowdown wind **tunnels**
cascade wind **tunnels**
combustion wind **tunnels**
cryogenic wind **tunnels**
hotshot wind **tunnels**
hydraulic test **tunnels**
hydrodynamic **tunnels**
use plasma jet wind tunnels
hypersonic wind **tunnels**
hypervelocity wind **tunnels**
low density wind **tunnels**
low speed wind **tunnels**
plasma jet wind **tunnels**
rectangular wind **tunnels**
shock **tunnels**
slotted wind **tunnels**
subsonic wind **tunnels**
supersonic wind **tunnels**
transfer **tunnels**
transonic wind **tunnels**
trisonic wind **tunnels**
water **tunnels**
use hydraulic test tunnels
wind **tunnels**
Tupolev aircraft
turbidity
turbine blades
turbine engines
gas **turbine** engines
turbine exhaust nozzles
turbine instruments
turbine pumps
turbine wheels
turbines
axial flow **turbines**
gas **turbines**
shrouded **turbines**
steam **turbines**
supersonic **turbines**
transonic **turbines**
use supersonic turbines
two stage **turbines**
wind **turbines**
Turbo-Skyvan aircraft
turbochargers
use superchargers
turbocompressors
turbocompressors
turboconverters
use turbogenerators
turboelectric conversion
use turbogenerators
ASTEC solar **turboelectric** generator

turbofan aircraft
turbofan engines
turbofans
turbogenerators
turbojet aircraft
use jet aircraft
turbojet engine control
YJ73 **turbojet** engine
use J-73 engine
turbojet engines
turbomachine blades
turbomachinery
mistuning **(turbomachinery)**
rotor blades **(turbomachinery)**
turbopause
turboprop aircraft
turboprop engines
Dart **turboprop** engines
use turboprop engines
turbopumps
use turbine pumps
turboramjet engines
turborocket engines
turborotors
use turbine wheels
turboshafts
turbulence
atmospheric **turbulence**
clear air **turbulence**
homogeneous **turbulence**
isotropic **turbulence**
Langmuir **turbulence**
low **turbulence**
low level **turbulence**
magnetohydrodynamic **turbulence**
plasma **turbulence**
turbulence effects
turbulence meters
hot-wire **turbulence** meters
use hot-wire flowmeters
turbulence meters
Baldwin-Lomax **turbulence** model
kappa-epsilon **turbulence** model
use k-epsilon turbulence model
kappa-omega **turbulence** model
use k-omega turbulence model
k-epsilon **turbulence** model
k-omega **turbulence** model
turbulence models
turbulent boundary layer
turbulent combustion
turbulent diffusion
turbulent flames
turbulent flow
turbulent heat transfer
turbulent jets
turbulent mixing
turbulent wakes
Turing machines
Turkey
turkeys
Turkish space program
Turkmenistan
turnaround (STS)
turning flight
minor circle **turning** flight
turnstile antennas

turpentine
turret
turret lathes
Los Alamos **Turret** Reactor
use high temperature nuclear reactors
gun **turrets**
turtles
Tutor aircraft
use CL-41 aircraft
TVC (control)
use thrust vector control
TVD schemes
twenty-four hour orbits
twenty-seven day variation
twilight glow
Advanced Technology Light **Twin** aircraft
use ATLIT project
Small Water Plane Area **Twin** Hull
use SWATH (ship)
twinning
mechanical **twinning**
twisted wings
twisting
twitching
two body orbits
use two body problem
two body problem
two dimensional bodies
two dimensional boundary layer
two dimensional flow
two dimensional jets
two dimensional models
two fluid models
two phase flow
two phase systems
use binary systems (materials)
two photon coherent states
use squeezed states (quantum theory)
two reflector antennas
two stage plasma engines
two stage turbines
two-wavelength lasers
Houston **(TX)**
Lake Texoma (OK- **TX)**
TX-77 engine
TX-354 engine
TX-33-39 engine
Tycho crater
type 2 bursts
type 3 bursts
type 4 bursts
type 5 bursts
Dicke **type** radiometers
use Dicke radiometers
Livermore Pool **Type** Reactor
n- **type** semiconductors
p- **type** semiconductors
typewriters
automatic **typewriters**
typhoid
Typhon weapon system
typhoons
typhus
tyrosine

U

U-2 aircraft
Lockheed **U-2** aircraft
U-10 aircraft
U bends
U spin space
Mann-Whitney-Wilcoxon **U** test
U tubes
use manometers
U.S.S.R.
Caucasus Mountains **(U.S.S.R.)**
U.S.S.R. space program
Upper Atmosphere Research Satellite **(UARS)**
UARS (satellite)
use Upper Atmosphere Research Satellite (UARS)
UBV spectra
Udimet alloys
UFO
use unidentified flying objects
Uganda
UH-1 helicopter
UH-2 helicopter
Kaman **UH-2**A helicopter
UH-12 helicopter
UH-13 helicopter
UH-34 helicopter
UH-60A helicopter
UH-61A helicopter
Ornstein- **Uhlenbeck** process
UHTREX (nuclear reactors)
use high temperature nuclear reactors
Uhuru satellite
UK 4 satellite
UK satellites
UK space program
Ukraine
ulcers
ullage
ullage rocket engines
ULM (light modulation)
use ultrasonic light modulation
ulna
ultra short wave radio equipment
use very high frequency radio equipment
ultrahigh frequencies
ultrahigh vacuum
ultralight aircraft
ultralow frequencies
use extremely low frequencies
ultralow temperature
use cryogenic temperature
ultrapure metals
ultrashort pulsed lasers
ultrasonic agitation
ultrasonic cleaning
ultrasonic densimeters
ultrasonic flaw detection
ultrasonic grinding machines
use ultrasonic machining
ultrasonic light modulation
ultrasonic machining
ultrasonic radiation
ultrasonic scanners

ultrasonic soldering
ultrasonic spectroscopy
ultrasonic tests
ultrasonic wave transducers
ultrasonic waves
use ultrasonic radiation
ultrasonic welding
ultrasonics
ultraviolet absorption
ultraviolet astronomy
Magellan **ultraviolet** astronomy satellite
ultraviolet detectors
ultraviolet emission
International **Ultraviolet** Explorer
use IUE
Extreme **Ultraviolet** Explorer satellite
ultraviolet filters
ultraviolet imagery
ultraviolet lasers
ultraviolet light
use ultraviolet radiation
ultraviolet lithography
use lithography
ultraviolet microscopy
ultraviolet photography
ultraviolet photometry
ultraviolet radiation
extreme **ultraviolet** radiation
far **ultraviolet** radiation
near **ultraviolet** radiation
vacuum **ultraviolet** radiation
use far ultraviolet radiation
ultraviolet reflection
ultraviolet spectra
ultraviolet spectrographs
use ultraviolet spectrometers
ultraviolet spectrometers
ultraviolet spectrophotometers
ultraviolet spectroscopy
ultraviolet telescopes
Ulysses mission
umbilical connectors
umbilical towers
umbras
Umbriel
Umkehr effect
Umklapp process
uncambered wings
unconsciousness
uncontrolled reentry (spacecraft)
uncoupled modes
undamped oscillations
under surface blowing
undercarriages
underground acoustics
underground communication
underground explosions
underground radio antenna grid (navy)
use Seafarer project
underground storage
underground structures
underground transmission lines
diving **(underwater)**
underwater acoustics
underwater breathing apparatus
underwater communication
underwater engineering
underwater explosions
underwater optics
underwater photography
underwater physiology
underwater propulsion
underwater research laboratories
underwater resources
underwater sound
use underwater acoustics
underwater structures
underwater tests
underwater to surface missiles
underwater trajectories
underwater vehicles
spinning **unguided** rocket trajectory
uniaxial strain
use axial strain
diatoms **(unicellular** plants)
unidentified flying objects
unified field theory
unified S band
grand **unified** theory
uniform flow
unimolecular structures
Soviet **Union**
use U.S.S.R.
unionization
unions
unions (connectors)
uniphase flow
use single-phase flow
unipolar transistors
use field effect transistors
uniqueness
uniqueness theorem
Advanced Microwave Sounding **Unit**
flux (rate per **unit** area)
use flux density
space power **unit** reactors
United Arab Emirates
United Kingdom
United Kingdom satellites
use UK satellites
United Nations
United States
armed forces **(United** States)
USA **(United** States)
agrophysical **units**
arithmetic and logic **units**
bays (structural **units)**
central processing **units**
chemical auxiliary power **units**
extravehicular mobility **units**
inertial measuring **units**
use inertial platforms
International System of **Units**
logic **units**
use arithmetic and logic units
manned maneuvering **units**
nuclear auxiliary power **units**
self maneuvering **units**
SMU (maneuvering **units)**
solar auxiliary power **units**
space self maneuvering **units**
use self maneuvering units
control **units** (computers)
units of measurement
unity
Univac 80 computer
Univac 418 computer

Univac 490 computer
Univac 494 computer
Univac 1100 series computers
Univac 1105 computer
Univac 1106 computer
Univac 1107 computer
Univac 1108 computer
Univac 1110 computer
Univac 1230 computer
Univac computers
Univac Larc computer
Automatic **Universal** Orbiting Stations
universal time
universe
universities
university program
UNIX (operating system)
unloading
unloading waves
SKYLAB space station **(unmanned)**
unmanned aerial vehicles
use pilotless aircraft
unmanned spacecraft
unsaturation (chemistry)
unsteady aerodynamics
unsteady flow
unsteady state
unstructured grids (mathematics)
unswept wings
latch- **up**
lay- **up**
up-converters
head- **up** displays
updrafts
use vertical air currents
upgrading
uplinking
upper air
use upper atmosphere
upper atmosphere
Upper Atmosphere Research Satellite (UARS)
upper ionosphere
Space Shuttle **upper** stage A
Space Shuttle **upper** stage D
Inertial **Upper** Stage
upper stage rocket engines
spinning solid **upper** stage
interim **upper** stage (STS)
use Inertial Upper Stage
Space Shuttle **upper** stages
upper surface blowing
upper surface blown flaps
Upper Volta
use Burkina
single event **upsets**
upsetting
upstream
upwash
upwelling
use upwelling water
upwelling water
upwind schemes (mathematics)
uracil
uranium
uranium 232
uranium 233
uranium 234
uranium 235
uranium 238
uranium alloys
uranium carbides
uranium compounds
uranium fluorides
uranium isotopes
uranium oxides
uranium plasmas
Uranus atmosphere
Mariner Jupiter- **Uranus** flyby
Uranus (planet)
Uranus rings
Uranus satellites
urban areas
use cities
urban development
urban planning
urban research
urban transportation
sea **urchins**
ureas
ureilites
urethanes
uric acid
uridylic acid
urinalysis
urination
urine
urography
urolithiasis
urology
Uruguay
Ruanda- **Urundi**
Aleutian Islands **(US)**
Allegheny Plateau **(US)**
Central Atlantic Region **(US)**
Central Piedmont **(US)**
Chesapeake Bay **(US)**
Colorado Plateau **(US)**
Delaware Bay **(US)**
Delaware River Basin **(US)**
Great Basin **(US)**
Mississippi River **(US)**
Missouri River **(US)**
Missouri River Basin **(US)**
New England **(US)**
Ohio River **(US)**
Pacific Northwest **(US)**
US-3A aircraft
USA (United States)
use United States
maximum **usable** frequency
land **use**
rural land **use**
user-computer interface
graphical **user** interface
user manuals (computer programs)
user requirements
USNS Kingsport
use satellite communications ships
Great Salt Lake **(UT)**
Utah
uterus
utilities
utility aircraft
Modular Integrated **Utility** System
utilization
coal **utilization**
geothermal energy **utilization**

orbit spectrum **utilization**
technology **utilization**
waste **utilization**
waste energy **utilization**
windpower **utilization**
hardware **utilization** lists
National Airspace **Utilization** System
utricle
UV Ceti stars
use flare stars
UV lasers
use ultraviolet lasers
Spacelab **UV**-Optical Telescope Facility
Solar Backscatter **UV** Spectrometer
Far **UV** Spectroscopic Explorer
Uzbekistan

V

V-1 missile
V-2 missile
V-3 aircraft
V-4 aircraft
V-5 aircraft
V-6 aircraft
V-22 aircraft
V band
use extremely high frequencies
V grooves
space plasma H/ **V** interaction experiments
V/STOL aircraft
Assateague Island (MD- **VA)**
Delmarva Peninsula (DE-MD- **VA)**
Shenandoah Valley **(VA)**
Potomac River Valley (MD- **VA**-WV)
vacancies (crystal defects)
vaccines
vacillation
vacuum
evacuating **(vacuum)**
high **vacuum**
low **vacuum**
ultrahigh **vacuum**
vacuum apparatus
vacuum arc switches
vacuum chambers
vacuum deposition
vacuum effects
vacuum furnaces
vacuum gages
vacuum melting
High **Vacuum** Orbital Simulator
vacuum pumps
vacuum spectroscopy
vacuum systems
vacuum tests
thermal **vacuum** tests
vacuum tube oscillators
vacuum tubes
vacuum ultraviolet radiation
use far ultraviolet radiation
vadose water
Brunt- **Vaisala** frequency
valence
valeric acid
Valiant aircraft
Vickers **Valiant** aircraft
use Valiant aircraft

validation
use proving
validity
Valkyrie aircraft
use B-70 aircraft
Tennessee **Valley** (AL-KY-TN)
Coachella **Valley** (CA)
Death **Valley** (CA)
Imperial **Valley** (CA)
Palo Verde **Valley** (CA)
Sacramento **Valley** (CA)
San Joaquin **Valley** (CA)
Magdalena-Cauca **Valley** (Colombia)
Potomac River **Valley** (MD-VA-WV)
St Lawrence **Valley** (North America)
Shenandoah **Valley** (VA)
valleys
rift **valleys**
use valleys
Valsalva exercise
Valsalva maneuver
use Valsalva exercise
value
value engineering
boundary **value** problems
initial **value** problems
use boundary value problems
extremum **values**
mean square **values**
nominal **values**
use approximation
Q **values** (nuclear physics)
valves
artificial heart **valves**
automatic control **valves**
butterfly **valves**
control **valves**
dampers **(valves)**
fuel **valves**
gas **valves**
heart **valves**
hydraulic **valves**
use hydraulic equipment
valves
light **valves**
relief **valves**
solenoid **valves**
Vampire aircraft
use DH 115 aircraft
Vampire MK 35 aircraft
Van Allen radiation belts
use radiation belts
Van Biesbroeck star
Van de Graaff accelerators
Van der Waals forces
Van Slyke method
vanadates
calcium **vanadates**
vanadium
vanadium alloys
vanadium carbides
vanadium compounds
vanadium isotopes
vanadium oxides
vanadyl compounds
vanadyl radical
vaneless diffusers
vanes
guide **vanes**

jet **vanes**
tip **vanes**
wind **vanes**
Vanguard 1 satellite
Vanguard 2 launch vehicle
Vanguard 2 satellite
Vanguard 3 satellite
Vanguard project
Vanguard satellites
vans
use trucks
cesium **vapor**
mercury **vapor**
sodium **vapor**
water **vapor**
vapor barrier clothing
vapor deposition
chemical **vapor** deposition
use vapor deposition
metal organic chemical **vapor** deposition
metalorganic chemical **vapor** deposition
MOCVD **(vapor** deposition)
OMCVD **(vapor** deposition)
organometallic **vapor** deposition
use metalorganic chemical vapor deposition
liquid- **vapor** equilibrium
vapor generators
use vaporizers
cavity **vapor** generators
chemical **vapor** infiltration
liquid- **vapor** interfaces
vapor jets
alkali **vapor** lamps
metal **vapor** lasers
vapor liquid equilibrium
use liquid-vapor equilibrium
vapor phase epitaxy
vapor phase lubrication
vapor phases
vapor pressure
vapor trails
use contrails
vapor traps
heat of **vaporization**
vaporization heat
use heat of vaporization
vaporizers
vaporizing
flashing **(vaporizing)**
vapors
metal **vapors**
varactor diode circuits
varactor diodes
varactors
use varactor diodes
variability
variable
variable amplitude loading
variable area wings
use trailing edge flaps
variable cycle engines
variable geometry structures
variable lift
use lift
variable mass systems
variable pitch propellers
variable stars
irregular **variable** stars

semiregular **variable** stars
variable stream control engines
variable sweep wings
variable thrust
cataclysmic **variables**
cepheid **variables**
complex **variables**
dependent **variables**
independent **variables**
integration (real **variables)**
long period **variables**
use Mira variables
Mira **variables**
random **variables**
real **variables**
variance
analysis of **variance**
minimum **variance** orbit determination
variance (statistics)
twenty-seven day **variation**
total **variation** diminishing schemes
use TVD schemes
voltage **variation** indicators
use voltmeters
variation method
use calculus of variations
cluster **variation** method
variational principles
Castigliano **variational** theorem
variations
annual **variations**
calculus of **variations**
diurnal **variations**
magnetic **variations**
nocturnal **variations**
periodic **variations**
seasonal **variations**
use annual variations
secular **variations**
wind **variations**
variometers
varistors
varnishes
cerebral **vascular** accidents
vascular system
use cardiovascular system
vasoconstriction
vasoconstrictor drugs
vasodilation
vasomotor nervous system
use nervous system
Vatican City
VATOL aircraft
VAX-11 series computers
VAX-11/780 computer
VAX computers
VC-10 aircraft
Vickers **VC-10** aircraft
VCE
use variable cycle engines
VCO
use voltage controlled oscillators
vector analysis
vector calculus
use vector spaces
Stokes theorem **(vector** calculus)
vector control
use directional control
thrust **vector** control

vector currents
vector dominance model
vector mesons
vector processing (computers)
vector quantization
force **vector** recorders
vector spaces
flux **vector** splitting
vectorcardiography
curl **(vectors)**
state **vectors**
vectors (mathematics)
Vega launch vehicle
Vega project
Vega rocket vehicle
use Vega launch vehicle
Vegard–Kaplan bands
vegetables
vegetation
canopies **(vegetation)**
diseased **vegetation**
use plant diseases
vegetation growth
vegetative index
Integ Program for Aerospace **Veh Design**
use IPAD
Ablestar launch **vehicle**
Aerobee rocket **vehicle**
Agena A rocket **vehicle**
Agena B rocket **vehicle**
Agena C rocket **vehicle**
Agena D rocket **vehicle**
Antares rocket **vehicle**
Apache rocket **vehicle**
Arcon rocket **vehicle**
Ariane 4 launch **vehicle**
Ariane 5 launch **vehicle**
Ariane launch **vehicle**
Assured Crew Return **Vehicle**
Astro **vehicle**
Astrobee 1500 rocket **vehicle**
Athena rocket **vehicle**
Atlas Able 5 launch **vehicle**
Atlas Agena B launch **vehicle**
Atlas Centaur launch **vehicle**
Atlas SLV-3 launch **vehicle**
Automated Transfer **Vehicle**
Berenice rocket **vehicle**
Black Arrow launch **vehicle**
use Black Knight rocket vehicle
Black Knight rocket **vehicle**
Blue Scout rocket **vehicle**
Blue Streak launch **vehicle**
Cajun rocket **vehicle**
Centaur **vehicle**
use Centaur launch vehicle
Centaur launch **vehicle**
Delta launch **vehicle**
Diamant launch **vehicle**
Dornier paraglider rocket **vehicle**
Eldo launch **vehicle**
Energiya launch **vehicle**
Europa 1 launch **vehicle**
Europa 2 launch **vehicle**
Europa 3 launch **vehicle**
Europa 4 launch **vehicle**
FDL-5 reentry **vehicle**
FFAR rocket **vehicle**
use Folding Fin aircraft rocket vehicle
Folding Fin aircraft rocket **vehicle**
Genie rocket **vehicle**
HL-10 reentry **vehicle**
HLD-35 reentry **vehicle**
Honest John rocket **vehicle**
HOTOL launch **vehicle**
Hyla-Star rocket **vehicle**
Jabiru rocket **vehicle**
use Jaguar rocket vehicle
Jaguar rocket **vehicle**
Javelin rocket **vehicle**
Juno 1 launch **vehicle**
Juno 2 launch **vehicle**
Jupiter C rocket **vehicle**
Kappa 8 rocket **vehicle**
Kappa 9 rocket **vehicle**
Little Joe 2 launch **vehicle**
Little John rocket **vehicle**
Loki rocket **vehicle**
LRV **(vehicle)**
MB-1 rocket **vehicle**
use Genie rocket vehicle
Meteor 1 rocket **vehicle**
Nike-Apache rocket **vehicle**
Nike-Cajun rocket **vehicle**
Nike-Hydac rocket **vehicle**
Nike-Iroquois rocket **vehicle**
Nike-Javelin rocket **vehicle**
Nike-Tomahawk rocket **vehicle**
Nomad launch **vehicle**
Proton launch **vehicle**
RAM B launch **vehicle**
Rubis rocket **vehicle**
Saturn 1 SA-1 launch **vehicle**
Saturn 1 SA-10 launch **vehicle**
Saturn 1 SA-2 launch **vehicle**
Saturn 1 SA-3 launch **vehicle**
Saturn 1 SA-4 launch **vehicle**
Saturn 1 SA-5 launch **vehicle**
Saturn 1 SA-6 launch **vehicle**
Saturn 1 SA-7 launch **vehicle**
Saturn 1 SA-8 launch **vehicle**
Saturn 1 SA-9 launch **vehicle**
Saturn D launch **vehicle**
Scout launch **vehicle**
Skylark rocket **vehicle**
Thor Able rocket **vehicle**
Thor Agena launch **vehicle**
Thor Delta launch **vehicle**
Titan 3 launch **vehicle**
Titan 4 launch **vehicle**
Titan Centaur launch **vehicle**
Trailblazer 1 reentry **vehicle**
Trailblazer 1 rocket **vehicle**
use Trailblazer 1 reentry vehicle
Trailblazer 2 reentry **vehicle**
Trailblazer 2 rocket **vehicle**
use Trailblazer 2 reentry vehicle
vanguard 2 launch **vehicle**
Vega launch **vehicle**
Vega rocket **vehicle**
use Vega launch vehicle
Venus fly trap rocket **vehicle**
Viking 1975 entry **vehicle**
Viking rocket **vehicle**
X-17 reentry **vehicle**
X-30 **vehicle**

X-33 reusable launch **vehicle**
X-34 reusable launch **vehicle**
X-38 crew return **vehicle**
Zuni rocket **vehicle**
standard launch **vehicle** 3
use Atlas SLV-3 launch vehicle
Standard Launch **Vehicle** 5
space **vehicle** checkout program
launch **vehicle** configurations
space **vehicle** control
use spacecraft control
National Launch **Vehicle** Program
Terminal Configured **Vehicle** Program
vehicle wheels
vehicles
aerodynamic **vehicles**
use aircraft
aeroquatic **vehicles**
aerospace **vehicles**
Agena rocket **vehicles**
air cushion **vehicles**
use ground effect machines
amphibious **vehicles**
Arcas rocket **vehicles**
Argo rocket **vehicles**
Astrobee rocket **vehicles**
Atlas Agena launch **vehicles**
Atlas launch **vehicles**
automated guideway transit **vehicles**
automated mixed traffic **vehicles**
automated transit **vehicles**
ballistic **vehicles**
boostglide **vehicles**
captured air bubble **vehicles**
control configured **vehicles**
drone **vehicles**
electric hybrid **vehicles**
electric motor **vehicles**
Europa launch **vehicles**
extraterrestrial roving **vehicles**
use roving vehicles
flight **vehicles**
flight test **vehicles**
heavy lift launch **vehicles**
hovering rocket **vehicles**
hydroplanes **(vehicles)**
hypersonic **vehicles**
intraorbit transfer **vehicles**
Juno launch **vehicles**
Kappa rocket **vehicles**
Lambda rocket **vehicles**
launch **vehicles**
lifting reentry **vehicles**
low observable reentry **vehicles**
lunar flying **vehicles**
lunar roving **vehicles**
lunar surface **vehicles**
Lunokhod lunar roving **vehicles**
magnetic levitation **vehicles**
manned lunar surface **vehicles**
Marsokhod Mars roving **vehicles**
military **vehicles**
motor **vehicles**
multiengine **vehicles**
multistage rocket **vehicles**
Nike rocket **vehicles**
nonlifting **vehicles**
use ballistic vehicles
Nova launch **vehicles**
nuclear engine for rocket **vehicles**
orbit transfer **vehicles**
orbital maneuvering **vehicles**
Ranger lunar landing **vehicles**
recoverable launch **vehicles**
recovery **vehicles**
reentry **vehicles**
remotely piloted **vehicles**
research **vehicles**
reusable launch **vehicles**
roadway powered **vehicles**
rocket **vehicles**
rotating **vehicles**
use rotating bodies
vehicles
roving **vehicles**
Saturn 1 launch **vehicles**
Saturn 1B launch **vehicles**
Saturn 2 launch **vehicles**
Saturn 5 launch **vehicles**
Saturn launch **vehicles**
Shuttle Derived **Vehicles**
single stage rocket **vehicles**
single stage to orbit **vehicles**
Skua rocket **vehicles**
SLV (soft landing **vehicles)**
space **vehicles**
use spacecraft
Standard Launch **Vehicles**
surface **vehicles**
suspension systems **(vehicles)**
tanks (combat **vehicles)**
test **vehicles**
Thor launch **vehicles**
Thorad launch **vehicles**
Titan launch **vehicles**
tracked **vehicles**
transatmospheric **vehicles**
transport **vehicles**
underwater **vehicles**
unmanned aerial **vehicles**
use pilotless aircraft
Veronique rocket **vehicles**
water **vehicles**
winged **vehicles**
vehicular tracks
veins
Vela satellites
velardenite
use gehlenite
laser doppler **velocimeters**
particle image **velocimetry**
particle image displacement **velocimetry**
use particle image velocimetry
PIDV **(velocimetry)**
PIV **(velocimetry)**
velocity
acoustic **velocity**
angular **velocity**
critical **velocity**
escape **velocity**
exhaust **velocity**
flow **velocity**
group **velocity**
impact **velocity**
low **velocity**
use low speed
orbital **velocity**

parabolic **velocity**
use escape velocity
phase **velocity**
propagation **velocity**
radial **velocity**
relativistic **velocity**
solar **velocity**
solar wind **velocity**
sound **velocity**
use acoustic velocity
terminal **velocity**
wind **velocity**
velocity coupling
velocity distribution
velocity errors
velocity fields
use velocity distribution
velocity measurement
wind **velocity** measurement
velocity modulation
velocity profiles
use velocity distribution
image **velocity** sensors
Saint **Venant** flexure problem
use Saint Venant principle
St **Venant** flexure problem
use Saint Venant principle
Saint **Venant** principle
veneers
Venera 2 satellite
Venera 3 satellite
Venera 4 satellite
Venera 5 satellite
Venera 6 satellite
Venera 7 satellite
Venera 8 satellite
Venera 9 satellite
Venera 10 satellite
Venera 11 satellite
Venera 12 satellite
Venera satellites
Veneziano model
Venezuela
Venn diagrams
Venom aircraft
use DH 112 aircraft
de Havilland **Venom** aircraft
use DH 112 aircraft
ventilation
ventilation fans
ventilators
venting
ventral sections
cardiac **ventricles**
cerebral **ventricles**
vents
Venturi tubes
Pioneer **Venus** 1 spacecraft
Pioneer **Venus** 2 entry probes
Pioneer **Venus** 2 Multiprobe spacecraft
use Pioneer Venus 2 spacecraft
Pioneer **Venus** 2 night probe
Pioneer **Venus** 2 sounder probe
Pioneer **Venus** 2 spacecraft
Pioneer **Venus** 2 transporter bus
Mariner **Venus** 67 spacecraft
Venus atmosphere
Venus clouds
Venus fly trap rocket vehicle

Mariner **Venus**-Mercury 1973
Pioneer **Venus** Orbiter
use Pioneer Venus 1 spacecraft
Venus orbiting imaging radar (spacecraft)
Venus (planet)
Venus probes
Venus radar echoes
Venus Radar Mapper
use Magellan spacecraft (NASA)
Venus Radar Mapper Project
use Magellan project (NASA)
Pioneer **Venus** spacecraft
Venus surface
Earth-**Venus** trajectories
verbal communication
Cape **Verde**
Palo **Verde** Valley (CA)
program **verification** (computers)
verification (proving)
use proving
vermiculite
Vermont
Verneuil process
Vernier engines
vernine
use guanosines
Veronique rocket vehicles
versatility
vertebrae
vertebral column
use spine
vertebrates
vertical air currents
vertical attitude takeoff-landing aircraft
use VATOL aircraft
vertical distribution
vertical fins
use fins
vertical flight
vertical junction solar cells
vertical landing
short takeoff & **vertical** landing aircraft
use STOVL aircraft
vertical motion
vertical motion simulators
vertical orientation
vertical perception
vertical stabilizers
use stabilizers (fluid dynamics)
vertical tails
use stabilizers (fluid dynamics)
tail assemblies
vertical takeoff
vertical takeoff aircraft
vertical takeoff and landing
use vertical landing
vertical takeoff
vertices
use apexes
vertigo
Vertikal rockets
Vertol military helicopters
use Boeing aircraft
very high frequencies
very high frequency radio equipment
Advanced **Very** High Resolution Radiometer

very high speed integrated circuits
use VHSIC (circuits)
Very Large Array (VLA)
very large scale integration
very long base interferometry
Very Long Baseline Array (VLBA)
very low frequencies
very small aperture terminals
use VSAT (network)
pressure **vessel** design
vessels
blood **vessels**
pressure **vessels**
Vesta asteroid
vestibular nystagmus
vestibular tests
vestibules
vests
veterinary medicine
VFR (rules)
use visual flight rules
VHDL (computers)
use hardware description languages
VHF omnirange navigation
VHSIC (circuits)
viability
vibration
bending **vibration**
breathing **vibration**
combustion **vibration**
forced **vibration**
free **vibration**
linear **vibration**
missile **vibration**
mode of **vibration**
use vibration mode
random **vibration**
resonant **vibration**
self induced **vibration**
structural **vibration**
torsional **vibration**
transverse **vibration**
use transverse oscillation
vibration dampers
use vibration isolators
vibration damping
vibration effects
vibration isolators
vibration measurement
vibration meters
vibration mode
vibration perception
vibration protection
use vibration isolators
vibration simulators
vibration testing machines
use vibration simulators
vibration tests
vibrational freezing
vibrational frequencies (molecular)
use vibrational spectra
vibrational frequencies (structural)
use resonant frequencies
vibrational relaxation
use molecular relaxation
vibrational spectra
vibrational states
vibrational stress

acoustic **vibrations**
use sound waves
lattice **vibrations**
magnetoelastic **vibrations**
use magnetoelastic waves
vibratory loads
forced **vibratory** motion equations
use equations
forced vibration
vibratory polishing
vibrocardiography
use phonocardiography
vibrometers
use vibration meters
VIC method
use vortex in cell technique
Vickers 1100 aircraft
use VC-10 aircraft
Vickers Scimitar aircraft
use Scimitar aircraft
Vickers Valiant aircraft
use Valiant aircraft
Vickers VC-10 aircraft
use VC-10 aircraft
Victor MK-1 aircraft
compressed **video**
use video compression
video communication
video compression
video data
video disks
video equipment
video landmark acquisition and tracking
video signals
video tape recorders
video tapes
Advanced **Vidicon** Camera System (AVCS)
vidicons
return beam **vidicons**
Vietnam
North **Vietnam**
use Vietnam
Republic of **Vietnam**
use Vietnam
South **Vietnam**
use Vietnam
field of **view**
view effects
viewing
Earth **Viewing** Applications Laboratory
Vigilante aircraft
use A-5 aircraft
vignetting
crop **vigor**
timber **vigor**
Viking 1 spacecraft
Viking 2 spacecraft
Viking 1975 entry vehicle
Viking lander 1
Viking lander 2
Viking lander spacecraft
Viking Mars program
Viking orbiter 1
Viking orbiter 2
Viking orbiter 1975
Viking orbiter spacecraft
Viking rocket vehicle
Viking spacecraft

vineyards
vinti theory
vinyl copolymers
vinyl cyanide
use acrylonitriles
vinyl ethylene
use butadiene
vinyl polymers
vinyl radical
vinylidene
violence
Bristol-Siddeley **Viper** engine
viral diseases
Virgin Islands
Virginia
West **Virginia**
Virgo galactic cluster
Virgo star cluster
use Virgo galactic cluster
virial coefficients
virial theorem
virtual memory systems
virtual properties
virtual reality
VR **(virtual** reality)
virulence
HIV **(virus)**
human immunodeficiency **virus**
viruses
computer **viruses**
viscera
viscoelastic cylinders
viscoelastic damping
viscoelastic flow
use viscoelasticity
viscoelasticity
viscometers
viscometry
viscoplastic flow
use viscoplasticity
viscoplasticity
viscopumps
viscosity
eddy **viscosity**
gas **viscosity**
Viscount aircraft
viscous damping
viscous drag
viscous flow
viscous fluids
visibility
low **visibility**
visible infrared spin scan radiometer
visible radiation
use light (visible radiation)
light **(visible** radiation)
visible spectrum
vision
binocular **vision**
color **vision**
computer **vision**
enhanced **vision**
machine **vision**
use computer vision
macular **vision**
use vision
monocular **vision**
night **vision**
peripheral **vision**
stereoscopic **vision**
synthetic **vision**
use enhanced vision
visors
visual accommodation
visual acuity
visual aids
visual control
visual discrimination
visual displays
use display devices
audio **visual** equipment
visual fields
visual flight
visual flight rules
audio **visual** material
visual observation
visual perception
visual photometry
visual pigments
visual signals
visual stimuli
visual tasks
visual tracking
use optical tracking
data **visualization**
use scientific visualization
flow **visualization**
numerical flow **visualization**
scientific **visualization**
visualization of flow
use flow visualization
vitamin A
use retinene
vitamin B
use thiamine
vitamin B 2
use riboflavin
vitamin B 6
use pyridoxine
vitamin B 12
use cyanocobalamin
vitamin B complex
use biotin
vitamin C
use ascorbic acid
vitamin D
use calciferol
vitamin E
use tocopherol
vitamin G
use riboflavin
vitamin K
use phylloquinone
vitamin M
use folic acid
vitamin P
use bioflavonoids
vitamins
Viterbi decoders
Viton rubber (trademark)
vitreous materials
vitrification
VJ–101 aircraft
Very Large Array **(VLA)**
Boltzmann- **Vlasov** equation
vlasov equations
Very Long Baseline Array **(VLBA)**

VLBI
use very long base interferometry
VLF emission recorders
VLSI
use very large scale integration
vocal cords
vocoders
voice
voice communication
voice control
voice data processing
Voice of America
digital to **voice** translators
DIVOT **(voice** translators)
void ratio
voids
Voigt effect
volatility
volatilization
use vaporizing
volcanics
use volcanology
volcanoes
active **volcanoes**
use volcanoes
cones **(volcanoes)**
Mars **volcanoes**
volcanology
volt-ampere characteristics
Upper **Volta**
use Burkina
voltage
use electric potential
low **voltage**
open circuit **voltage**
threshold **voltage**
voltage amplifiers
voltage breakdown
use electrical faults
capacitance- **voltage** characteristics
voltage controlled oscillators
voltage converters (AC to AC)
voltage converters (DC to DC)
voltage generators
voltage measurement
use electrical measurement
voltage regulators
voltage variation indicators
use voltmeters
high **voltages**
Volterra equations
voltmeters
volume
blood **volume**
density (mass/ **volume)**
density (number/ **volume)**
heart minute **volume**
stroke **volume**
constant **volume** balloons
use superpressure balloons
body **volume** (biology)
volume fraction
use concentration (composition)
fiber **volume** fraction
finite **volume** method
low **volume** ramjet engines
volumetric analysis
volumetric efficiency
volumetric strain

vomiting
Von Karman equation
von Mises theory
use stress functions
von Zeipel method
Voodoo aircraft
use F-101 aircraft
VOR systems
use VHF omnirange navigation
vortex advisory system
vortex alleviation
vortex avoidance
vortex-blade interaction
vortex breakdown
vortex columns
use vortices
vortex disturbances
use vortices
vortex filaments
vortex flaps
vortex flow
use vortices
vortex generation
use vortex generators
vortex generators
vortex in cell technique
vortex injectors
blade- **vortex** interaction
vortex lattice method
vortex precession
vortex rings
vortex shedding
vortex sheets
Karman **vortex** street
vortex streets
vortex traps
use trapped vortices
vortex tubes
use Hilsch tubes
vortices
vortices
hairpin **vortices**
use horseshoe vortices
horseshoe **vortices**
trapped **vortices**
wing tip **vortices**
vorticity
Helmholtz **vorticity** equation
vorticity equations
vorticity transport hypothesis
Voskhod 1 spacecraft
Voskhod 2 spacecraft
voskhod manned spacecraft
Vostok 1 spacecraft
Vostok 2 spacecraft
Vostok 3 spacecraft
Vostok 4 spacecraft
Vostok 5 spacecraft
Vostok 6 spacecraft
Vostok spacecraft
voting
Chance- **Vought** aircraft
Ling-Temco- **Vought** aircraft
vowels
Voyager 1 spacecraft
Voyager 2 spacecraft
Voyager 1977 mission
Voyager project

Voyageur helicopter
use CH-46 helicopter
VR (virtual reality)
use virtual reality
VSAT (network)
Lake Champlain Basin (NY- **VT)**
VTOL
use vertical landing
vertical takeoff
VTOL aircraft
use vertical takeoff aircraft
Vulcan aircraft
vulcanizates
use vulcanized elastomers
gum **vulcanizates**
use vulcanized elastomers
vulcanized elastomers
vulcanizing
vulnerability
nuclear **vulnerability**
Vycor
VZ-2 aircraft
VZ-8 aircraft
VZ-10 aircraft
VZ-11 aircraft
VZ-12 aircraft

W

B-A- **W** devices
S-A- **W** devices
W-R stars
W stars
use Wolf-Rayet stars
W wings
use variable sweep wings
W2F aircraft
use E-2 aircraft
Cascade Range (CA-OR- **WA)**
Columbia River Basin (ID-OR- **WA)**
Van der **Waals** forces
Wabash River Basin (IL-IN-OH)
Schwassmann- **Wachmann** comet
wadis
wafers
wage surveys
wakefulness
wakes
aircraft **wakes**
helicopter **wakes**
hypersonic **wakes**
laminar **wakes**
near **wakes**
supersonic **wakes**
swirling **wakes**
use turbulent wakes
turbulent **wakes**
Wales
random **walk**
walking
walking machines
domain **wall**
wall flow
wall jets
wall pressure
wall temperature
thin **walled** shells

Wallops Island
walls
cold **walls**
use cold surfaces
walls
nozzle **walls**
porous **walls**
sea **walls**
use breakwaters
thick **walls**
thin **walls**
Trombe **walls**
wind tunnel **walls**
Walsh function
WAN
use wide area networks
polar **wandering** (geology)
Wankel engines
war games
warfare
antiship **warfare**
antisubmarine **warfare**
chemical **warfare**
electronic **warfare**
nuclear **warfare**
antisubmarine **warfare** aircraft
warheads
nuclear **warheads**
warm blooded animals
use homeotherms
warm fronts
warming
use heating
global **warming**
stratospheric **warming**
warning
Airborne **Warning** and Control System
use AWACS aircraft
warning devices
use warning systems
collision **warning** devices
use collision avoidance
warning systems
warning signals
use warning systems
Warning Star aircraft
use C-121 aircraft
Ballistic Missile Early **Warning** System
warning systems
early **warning** systems
warpage
washers
washers (cleaners)
washers (spacers)
washing
Washington
washout (radioactivity)
use fallout
WASP sounding rocket
Waspaloy
waste disposal
waste energy utilization
waste heat
waste management
waste treatment
waste utilization
waste water
wastes
deep well injection **(wastes)**

hazardous **wastes**
human **wastes**
industrial **wastes**
liquid **wastes**
metabolic **wastes**
nuclear **wastes**
use radioactive wastes
radioactive **wastes**
solid **wastes**
organic **wastes** (fuel conversion)
World Weather **Watch**
use meteorological services
watches
use clocks
water
coastal **water**
cold **water**
deep **water**
fresh **water**
ground **water**
heavy **water**
light **water**
nearshore **water**
potable **water**
sea **water**
shallow **water**
springs **(water)**
surface **water**
upwelling **water**
vadose **water**
waste **water**
water balance
Los Alamos **Water** Boiler Reactor
light **water** breeder reactors
water circulation
water color
heavy **water** components test reactors
water consumption
water content
use moisture content
water cooled reactors
water cooling
use liquid cooling
water currents
water cycle (hydrology)
use hydrological cycle
water deprivation
water depth
water erosion
water flow
water hammer
water heating
water immersion
water injection
water intakes
air **water** interactions
water jets
use hydraulic jets
water landing
water loss
water management
water masers
water moderated reactors
Small **Water** Plane Area Twin Hull
use SWATH (ship)
water pollution
water pressure
water purification
use water treatment
water quality
metal- **water** reactions
Halden Boiling **Water** Reactor
boiling **water** reactors
experimental boiling **water** reactors
heavy **water** reactors
light **water** reactors
pressurized **water** reactors
water reclamation
water recovery
use water reclamation
water resources
hot **water** rocket engines
water runoff
water splitting
water tables
water takeoff and landing aircraft
water temperature
water treatment
water tunnel tests
water tunnels
use hydraulic test tunnels
water vapor
water vehicles
water waves
water wheels
waterfowl
waterproofing
inland **waters**
watersheds
waterwave energy
waterwave energy conversion
waterwave powered machines
waterways
wattmeters
wave amplification
traveling **wave** amplifiers
gravitational **wave** antennas
wave attenuation
shock **wave** attenuation
shock **wave** control
wave degradation
bulk acoustic **wave** devices
surface acoustic **wave** devices
wave diffraction
wave dispersion
wave drag
brown **wave** effect
green **wave** effect
wave equations
Lame **wave** equations
wave excitation
electromagnetic **wave** filters
wave front deformation
wave front reconstruction
wave fronts
wave functions
wave generation
shock **wave** generators
wave incidence control
wave interaction
shock **wave** interaction
continuous **wave** lasers
shock **wave** luminescence
traveling **wave** masers
four- **wave** mixing
density **wave** model

traveling **wave** modulation
wave motion
use waves
kilometer **wave** orbiting telescope
wave oscillators
use oscillators
wave packets
wave-particle interactions
shock **wave** profiles
wave propagation
ground **wave** propagation
shock **wave** propagation
continuous **wave** radar
wave radiation
use electromagnetic radiation
long **wave** radiation
short **wave** radiation
ultra short **wave** radio equipment
use very high frequency radio equipment
short **wave** radio transmission
standing **wave** ratios
wave reflection
radio **wave** refraction
wave resistance
wave scattering
ultrasonic **wave** transducers
electromagnetic **wave** transmission
backward **wave** tubes
traveling **wave** tubes
waveforms
sawtooth **waveforms**
Earth-ionosphere **waveguide**
waveguide antennas
waveguide filters
waveguide lasers
waveguide tuners
waveguide windows
waveguides
beam **waveguides**
circular **waveguides**
optical **waveguides**
rectangular **waveguides**
sonic **waveguides**
use acoustic delay lines
wavelength division multiplexing
two- **wavelength** lasers
wavelengths
de Broglie **wavelengths**
wavelet analysis
wavelet transform
use wavelet analysis
waveriders
waves
Alfven **waves**
use magnetohydrodynamic waves
backward **waves**
baroclinic **waves**
bow **waves**
bow shock **waves**
use shock waves
capillary **waves**
carrier **waves**
centimeter **waves**
cnoidal **waves**
combustion **waves**
use flame propagation
compression **waves**

continuous **waves**
use continuous radiation
cosmic radio **waves**
use extraterrestrial radio waves
cylindrical **waves**
decametric **waves**
decimeter **waves**
detonation **waves**
diffusion **waves**
dilatational **waves**
elastic **waves**
electroacoustic **waves**
electromagnetic **waves**
use electromagnetic radiation
electromagnetic surface **waves**
electrostatic **waves**
expansion **waves**
use elastic waves
extraterrestrial radio **waves**
frontal **waves**
galactic radio **waves**
gravitational **waves**
gravity **waves**
H **waves**
horizontally polarized shear **waves**
use SH waves
hydromagnetic **waves**
use magnetohydrodynamic waves
internal **waves**
ion acoustic **waves**
ionic **waves**
Kelvin **waves**
kilometric **waves**
Lamb **waves**
lee **waves**
loading **waves**
use elastic waves
loads (forces)
longitudinal **waves**
Love **waves**
magnetoacoustic **waves**
magnetoelastic **waves**
magnetohydrodynamic **waves**
millimeter **waves**
modes (standing **waves)**
nodes (standing **waves)**
normal shock **waves**
oblique shock **waves**
P **waves**
plane **waves**
planetary **waves**
plasma **waves**
plasma sound **waves**
use magnetohydrodynamic waves
plasma waves
polarization **(waves)**
polarized elastic **waves**
pressure **waves**
use elastic waves
radio **waves**
rarefaction **waves**
use elastic waves
Rayleigh **waves**
reflected **waves**
refracted **waves**
Riemann **waves**
Rossby **waves**
use planetary waves
S **waves**

secondary **waves**
use S waves
seismic **waves**
SH **waves**
shear **waves**
use S waves
shock **waves**
sine **waves**
sky **waves**
solar radio **waves**
use solar radio emission
solitary **waves**
Sommerfeld **waves**
sound **waves**
spherical **waves**
spin **waves**
use magnons
square **waves**
standing **waves**
stress **waves**
subcarrier **waves**
use carrier waves
submillimeter **waves**
surface **waves**
tidal **waves**
Tollmien-Schlichting **waves**
transverse **waves**
traveling **waves**
tropospheric **waves**
tsunami **waves**
ultrasonic **waves**
use ultrasonic radiation
unloading **waves**
water **waves**
long **waves** (meteorology)
use planetary waves
lost **wax** process
use investment casting
waxes
Milky **Way** Galaxy
XJ-34- **WE-32** engine
weak energy interactions
weak interactions (field theory)
weapon system 107A-1
weapon system 107A-2
weapon system 133A
weapon system 133B
weapon system 315A
weapon system management
Typhon **weapon** system
weapon systems
weapons
fission **weapons**
fusion **weapons**
laser **weapons**
nuclear **weapons**
space **weapons**
weapons delivery
weapons development
weapons industry
wear
wear inhibitors
wear resistance
wear tests
weather
cold **weather**
hot **weather**
all- **weather** air navigation
weather charts
use meteorological charts
weather conditions
use weather
weather control
use weather modification
weather data recorders
weather forecasting
long range **weather** forecasting
numerical **weather** forecasting
statistical **weather** forecasting
weather fronts
use fronts (meteorology)
cockpit **weather** information systems
all- **weather** landing systems
weather maps
use meteorological charts
weather modification
weather radar
use meteorological radar
weather reconnaissance aircraft
weather stations
automatic **weather** stations
cold **weather** tests
World **Weather** Watch
use meteorological services
weathering
weatherproofing
weaving
World Wide **Web**
webbing
Weber-Fechner law
Weber test
webs
girder **webs**
webs (membranes)
use membranes
webs (sheets)
webs (supports)
wedge flow
wedges
boll **weevils**
Weibel instability
Weibull density functions
Weierstrass functions
weight
body **weight**
low **weight**
molecular **weight**
organ **weight**
structural **weight**
weight analysis
weight factors
use weight (mass)
weight indicators
weight (mass)
weight measurement
thrust- **weight** ratio
weight reduction
drop **weight** tests
use drop tests
weighting functions
weightless fluids
weightlessness
weightlessness simulation
atomic **weights**
low molecular **weights**
Weinberg-Salam Gauge Model
Curie- **Weiss** law

weld strength
weld tests
weldability
welded joints
welded structures
welding
arc **welding**
cold **welding**
diffusion **welding**
electric **welding**
electron beam **welding**
electroslag **welding**
explosive **welding**
flash **welding**
friction **welding**
fusion **welding**
gas **welding**
gas tungsten arc **welding**
laser **welding**
plasma arc **welding**
pressure **welding**
TIG **welding**
use gas tungsten arc welding
tungsten inert gas **welding**
use gas tungsten arc welding
ultrasonic **welding**
welding machines
spot **welds**
deep **well** injection (wastes)
quantum **well** lasers
wells
quantum **wells**
square **wells**
Wentzel-Kramer-Brillouin method
Weser aircraft
South **West** Africa
use Namibia
West comet
West Ford project
West Germany
West Indies
West Virginia
Westar satellites
circumpolar **westerlies**
Western hemisphere
Westland aircraft
Westland ground effect machines
Westland MK-10 helicopter
use Westland Whirlwind helicopter
Westland P-531 helicopter
use P-531 helicopter
Westland SR-N2 ground effect machine
use Westland ground effect machines
Westland SR-N2 hovercraft
use Westland ground effect machines
Westland SR-N3 ground effect machine
use Westland ground effect machines
Westland SR-N3 hovercraft
use Westland ground effect machines
Westland SR-N5 ground effect machine
use Westland ground effect machines
Westland Whirlwind helicopter
wet cells
wet spinning
wetlands
wetness
use moisture content
wettability
wetting
whales
wharves
wheat
Wheatstone bridges
wheel brakes
filter **wheel** infrared spectrometers
TIROS **wheel** satellite
use TIROS 9 satellite
wheelchairs
wheels
counter-rotating **wheels**
doughnut shape **wheels**
use toroidal wheels
inertia **wheels**
use counter-rotating wheels
reaction wheels
nose **wheels**
reaction **wheels**
toroidal **wheels**
turbine **wheels**
vehicle **wheels**
water **wheels**
whip antennas
whiplash injuries
whirl
use rotation
whirl instability
use rotary stability
whirl towers
whirling
use rotation
whirling tests
use spin tests
Sikorsky **Whirlwind** helicopter
Westland **Whirlwind** helicopter
Whirlwind MK-10 helicopter
use Westland Whirlwind helicopter
whisker composites
metal **whisker** reinforcement
use whisker composites
whiskers (crystals)
whispering gallery modes
whistler recorders
whistlers
General Aviation **Whitcomb** airfoil
use GAW-1 airfoil
GAW-2 airfoil
white blood cells
use leukocytes
white dwarf stars
white holes (astronomy)
white light holography
white noise
black and **white** photography
whiteout
Whitham rule
Mann- **Whitney**-Wilcoxon U test

Whittaker functions
AVRO **Whitworth** HS-748 aircraft
use HS-748 aircraft
wicks
wide angle lenses
wide area networks
World **Wide** Web
wideband
use broadband
wideband communication
Widmanstatten structure
width
pulse **width**
use pulse duration
spectral line **width**
swath **width**
pulse **width** amplitude converters
pulse **width** modulation
use pulse duration modulation
Wiener filtering
Wiener Hopf equations
Shannon- **Wiener** measure
wiggler magnets
Wightman theory
use field theory (physics)
quantum theory
relativistic theory
Wigner coefficient
Brillouin- **Wigner** equation
Mann-Whitney- **Wilcoxon** U test
wilderness
wildlife
wildlife radiolocation
Prince **William** Sound (AK)
Williston Basin (North America)
winches
geostrophic **wind**
ground **wind**
solar **wind**
wind circulation
use atmospheric circulation
wind direction
wind effects
wind energy
use windpower utilization
wind erosion
wind measurement
wind (meteorology)
wind pressure
wind profiles
Wind River Range (WY)
wind shear
Dungeys **wind** shear mechanism
use wind shear
wind tunnel apparatus
wind tunnel balances
use weight indicators
wind tunnel apparatus
wind tunnel calibration
wind tunnel drives
wind tunnel models
wind tunnel nozzles
wind tunnel stability tests
wind tunnel tests
wind tunnel walls
wind tunnels
blowdown **wind** tunnels
cascade **wind** tunnels
combustion **wind** tunnels
cryogenic **wind** tunnels
hotshot **wind** tunnels
hypersonic **wind** tunnels
hypervelocity **wind** tunnels
low density **wind** tunnels
low speed **wind** tunnels
plasma jet **wind** tunnels
rectangular **wind** tunnels
slotted **wind** tunnels
subsonic **wind** tunnels
supersonic **wind** tunnels
transonic **wind** tunnels
trisonic **wind** tunnels
wind turbines
wind vanes
wind variations
wind velocity
wind velocity measurement
solar **wind** velocity
winding
filament **winding**
wire **winding**
helical **windings**
windmilling
use autorotation
windmills (windpowered machines)
window atmosphere sounding
projectile
use WASP sounding rocket
windows
atmospheric **windows**
infrared **windows**
laser **windows**
launch **windows**
waveguide **windows**
windows (apertures)
windows (computer programs)
windows (intervals)
windpower utilization
windpowered generators
windmills **(windpowered** machines)
windpowered pumps
galactic **winds**
stellar **winds**
winds aloft
windscreens
use windshields
windshields
wines
C-8A augmentor **wing** aircraft
fan in **wing** aircraft
fixed- **wing** aircraft
flying **wing** aircraft
use tailless aircraft
free **wing** aircraft
low **wing** aircraft
pivoted **wing** aircraft
use tilt wing aircraft
rotary **wing** aircraft
tandem **wing** aircraft
tilt **wing** aircraft
body- **wing** and tail configurations
wing camber
body- **wing** configurations
dual **wing** configurations
wing flaps

jet augmented **wing** flaps
use jet flaps
wing flaps
wing flow method tests
wing–fuselage stores
wing icing
use aircraft icing
wing loading
wing nacelle configurations
wing oscillations
wing panels
wing planforms
wing profiles
wing rock
wing roots
x **wing** rotors
wing slats
use leading edge slats
wing slots
wing span
wing tanks
wing tip vortices
wing tips
winged vehicles
winglets
wings
aeroelastic research **wings**
arrow **wings**
cambered **wings**
cantilever **wings**
use wings
caret **wings**
channel **wings**
cranked **wings**
use swept wings
cruciform **wings**
delta **wings**
diamond **wings**
use low aspect ratio wings
swept wings
fixed **wings**
flexible **wings**
high aspect ratio **wings**
use slender wings
infinite span **wings**
joined **wings**
low aspect ratio **wings**
M **wings**
use variable sweep wings
mission adaptive **wings**
oblique **wings**
ogee **wings**
use variable sweep wings
rectangular **wings**
rigid **wings**
ring **wings**
Rogallo **wings**
use flexible wings
folding structures
rotary **wings**
slender **wings**
straight **wings**
use rectangular wings
supercritical **wings**
swept **wings**
swept forward **wings**
sweptback **wings**
swing **wings**
tapered **wings**
use swept wings
thin **wings**
trapezoidal **wings**
triangular **wings**
use delta wings
twisted **wings**
uncambered **wings**
unswept **wings**
variable area **wings**
use trailing edge flaps
variable sweep **wings**
W **wings**
use variable sweep wings
winter
wire
electric **wire**
hot- **wire** anemometers
wire bridge circuits
wire cloth
fly by **wire** control
hot- **wire** flowmeters
wire grid lenses
wire mesh
use wire cloth
hot- **wire** turbulence meters
wire winding
wireless communication
exploding **wires**
guy **wires**
quantum **wires**
wiring
electric **wiring**
use electric wire
wiring
wiring systems
use wiring
Wisconsin
Wiswesser notations
WKB approximation
use Wentzel-Kramer-Brillouin method
Chandler **wobble**
Wolf-Rayet stars
wolfram
use tungsten
wolves
women
use females
wood
wooden structures
Kraft process **(woodpulp)**
wool
word processing
words (language)
work
physical **work**
work capacity
work functions
work hardening
work–rest cycle
work softening
orbital **workers**
Workhorse helicopter
use CH-21 helicopter
cold **working**
hot **working**
metal **working**
working fluids

workloads (psychophysiology)
Saturn 1 **workshop**
Saturn 5 **workshop**
orbital **workshops**
Saturn **workshops**
workstations
crew **workstations**
world
use Earth (planet)
world data centers
World Meteorological Organization
World Weather Watch
use meteorological services
World Wide Web
worms
filament **wound** construction
use filament winding
wound healing
woven composites
Wrangell Mountains (AK)
wrap
wraparound contact solar cells
use solar cells
composite **wrapping**
spiral **wrapping**
wreckage
wrenches
Curtiss- **Wright** aircraft
wrinkling
flange **wrinkling**
wrist
technical **writing**
wrought alloys
WU-2 aircraft
wurtzite
Potomac River Valley (MD-VA- **WV)**
WWW
use World Wide Web
WWW (meteorology)
use meteorological services
Bighorn Mountains (MT- **WY)**
Black Hills (SD- **WY)**
Wind River Range **(WY)**
Yellowstone National Park (ID-MT- **WY)**
Wyoming

X

ISIS- **X**
X-1 aircraft
X-2 aircraft
X-3 aircraft
X-5 aircraft
X-13 aircraft
X-14 aircraft
X-15 aircraft
X-17 reentry vehicle
X-19 aircraft
X-20 aircraft
X-21 aircraft
X-21A aircraft
X-22 aircraft
X-22A aircraft
X-24 aircraft
X-29 aircraft
X-30 vehicle
X-31 aircraft
X-33 reusable launch vehicle
X-34 reusable launch vehicle
X-36 aircraft
X-38 crew return vehicle
X-248 engine
X-254 engine
X-258 engines
X-258-B1 engine
X-259 engine
X-405 engine
X band
use superhigh frequencies
X mesons
x ray absorption
x ray analysis
x ray apparatus
x ray astronomy
X Ray Astrophysics Facility
Advanced **X** Ray Astrophysics Facility
use X Ray Astrophysics Facility
x ray binaries
x ray density measurement
x ray detectors
x ray diffraction
x ray fluorescence
x ray imagery
Low Intensity **X** Ray Imaging Scopes
use lixiscopes
x ray inspection
x ray irradiation
x ray lasers
x ray optics
x ray scattering
x ray sources
x ray spectra
X ray spectrography
use x ray spectroscopy
x ray spectrometers
X ray spectrometry
use x ray spectroscopy
X Ray Spectropolarimetry Payload
use EXPOS (Spacelab payload)
x ray spectroscopy
x ray stars
x ray stress analysis
x ray stress measurement
x ray telescopes
X Ray Timing Explorer
x ray tubes
x rays
cosmic **x** rays
solar **x**-rays
Nike **X** systems
x wing rotors
x-y plotters
xanthic acids
xanthines
XB-47 aircraft
XB-70 aircraft
XBQM-106A aircraft
XC-142 aircraft
xenon
xenon 129
xenon 133
xenon 135
xenon chloride lasers
xenon compounds
xenon fluoride lasers

xenon isotopes
xenon lamps
xerogels
xerography
XH-51 helicopter
xi hyperons
XJ-34-WE-32 engine
XJ-79-GE-1 engine
XLR-99 engine
XM-6 squib
XM-8 squib
XM-33 engine
XV-3 aircraft
XV-4 aircraft
Lockheed **XV-4A** aircraft
XV-5 aircraft
XV-5A aircraft
XV-6A aircraft
XV-8A aircraft
XV-9A aircraft
XV-11A aircraft
XV-15 aircraft
xylene
xylose

Y

Clark **Y airfoil**
use airfoil profiles
Y-Ba-Cu-O superconductors
x- **y** plotters
YAG (garnet)
use yttrium-aluminum garnet
YAG lasers
Yagi antennas
Yak 40 aircraft
YAK aircraft
use Yakovlev aircraft
Yakovlev aircraft
Yang-Mills fields
Yang-Mills theory
yarns
YAV-8B aircraft
yaw
damping in **yaw**
use damping
yaw
yawing moments
yawmeters
use attitude indicators
yaw
YBCO superconductors
YC-14 aircraft
YC-15 aircraft
YC-123 aircraft
IGY (geophysical **year)**
International Geophysical **Year**
International Quiet Sun **Year**
International Space **Year**
ICSY (international **year)**
International Field **Year** for Great Lakes
yeast
Yellowstone National Park (ID-MT-WY)
Yemen
Southern **Yemen**

YF-12 aircraft
YF-16 aircraft
YF-17 aircraft
YF-22 aircraft
YF-102 aircraft
YHU-1 helicopter
yield
yield point
yield strength
plastic **yielding**
use plastic deformation
YIG (garnet)
use yttrium-iron garnet
YJ-73-GE-3 engine
YJ-79 engine
YJ-85 engine
YJ-93 engine
YJ-93-GE-3 engine
YJ73 turbojet engine
use J-73 engine
YLF lasers
YLR-91-AJ-1 engine
yo- **yo** devices
yokes
New **York**
New **York** City (NY)
Young-Helmholtz theory
Young modulus
use modulus of elasticity
youth
YS-11 aircraft
Nihon **YS-11** aircraft
YSZ
use yttria-stabilized zirconia
YT-2 aircraft
ytterbium
ytterbium compounds
ytterbium isotopes
yttria-stabilized zirconia
yttrium
yttrium alloys
yttrium-aluminum garnet
yttrium compounds
yttrium-iron garnet
yttrium isotopes
yttrium lithium fluoride lasers
use YLF lasers
yttrium oxides
Yugoslavia
YUH-1 helicopter
YUH-60A helicopter
YUH-61A helicopter
Yukawa potential
Yukon aircraft
use CL-44 aircraft
Yukon Territory

Z

Z-37 aircraft
Omnipol **Z-37** aircraft
Zaire
use Democratic Republic of Congo
Zambia
New **Zealand**
New **Zealand** space program
Zeeman effect

Mach- **Zehnder** interferometers
von **Zeipel** method
Zener diodes
  use avalanche diodes
Zener effect
zenith
zeolites
absolute **zero**
zero angle of attack
zero crossings
  use roots of equations
zero force curves
zero-g ACPL (Spacelab)
zero gravity
  use weightlessness
zero lift
zero point energy
zero power reactor 2
zero power reactor 3
zero power reactor 6
zero power reactor 9
zero power reactors
zero sound
Zeta Aurigae star
zeta pinch
zeta thermonuclear reactor
Zeus missile
  use Nike-Zeus missile
Nike- **Zeus** missile
Ziegler catalyst
Zimbabwe
zinc
zinc alloys
zinc antimonides
nickel **zinc** batteries
silver **zinc** batteries
silver oxide **zinc** batteries
  use silver zinc batteries
zinc-bromide batteries
zinc chlorides
zinc-chlorine batteries
zinc coatings
zinc compounds
zinc fluorides
zinc isotopes
zinc nickel batteries
  use nickel zinc batteries
zinc oxides
zinc-oxygen batteries
zinc selenides
zinc silver batteries
  use silver zinc batteries
zinc silver oxide batteries
  use silver zinc batteries
zinc sulfides
zinc tellurides
zinc tungstates
zincblende
Giacobini- **Zinner** comet
zippers
Zircaloy 2 (trademark)
Zircaloys (trademark)
lead **zirconate** titanates
zirconates
barium **zirconates**
strontium **zirconates**
zirconia
  use zirconium oxides
yttria-stabilized **zirconia**

zirconium
zirconium 95
zirconium alloys
zirconium carbides
zirconium compounds
zirconium hydrides
zirconium iodides
zirconium isotopes
zirconium nitrides
zirconium oxides
zirconium titanates
zodiac
zodiacal dust
zodiacal light
zonal circulation
  use zonal flow (meteorology)
Zonal Earth Energy Budget Experiment
  use LZEEBE satellite
Long Term **Zonal** Earth Energy Experiment
  use LZEEBE satellite
zonal flow (meteorology)
zonal harmonics
Zond 1 space probe
Zond 2 space probe
Zond 3 space probe
Zond 4 space probe
Zond 5 space probe
Zond 6 space probe
Zond 7 space probe
Zond 8 space probe
Zond space probes
Gutenberg **zone**
heat affected **zone**
Panama Canal **Zone**
pelagic **zone**
Coastal **Zone** Color Scanner
zone melting
zone refining
  use zone melting
zones
  use regions
anomalous temperature **zones**
auroral **zones**
Brillouin **zones**
float **zones**
inshore **zones**
  use beaches
intertropical convergent **zones**
liquid plus solid **zones**
  use mushy zones
mushy **zones**
null **zones**
recovery **zones**
zoology
zoom lenses
zooplankton
ZPR reactors
  use zero power reactors
Zuni rocket vehicles

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